

Physical exercise database

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Information Technology

Relational Databases

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1. Prerequisites

1.1 The database environment

The database is installed on my personal server. The server is Linux based Kubuntu distribution running LAMP, which comes from the words Linux, Apache, MySQL and PHP. Server's network connection comes from my ADSL box which is NAT and firewall enabled. The access rights are tightly controlled. My network is MAC filtered in such a way that only defined devices can connect to my network. SSL connection is used when transferring passwords. SSL keeps sure that all confidential information is transferred encrypted. PHP is used in user interface to make dynamic websites and to access MySQL database. Website is hosted on my server using Apache. Everything on the server side is done with open source software. I used MySQLi database extension, but PDO would have been excellent as well if not better.

1.2 Used software

At first I used Bluefish (<http://bluefish.openoffice.nl>) as a coding editor when I wrote PHP, XHTML, CSS and Javascript. It is a very practical program as it's lightweight and simple to use. However it was lacking proper syntax error highlighting and some other powerful features of Eclipse, so I ended up installing PHP integration for Eclipse. Kivio was used to draw ER-model and OpenOffice Writer to write this document.

1.3 Security - Things to take into account

Security is one of the main aspects of the whole database design. Database is configured to be hacker proof. Linux as operating system is one of the most secure OS's available. Linux always asks administrator password for system-wide operations. Firewall is configured to be so restrictive that only specified IP-addresses with specified MAC-addresses can connect to specified port. All unused ports are closed. I also use uncommon ports for different protocols.

MySQL root user access to phpmyadmin is denied.

The site has user authentication and the password is encrypted with MD5 (Message-Digest algorithm 5) which can't be decrypted (without brute force or decrypted MD5 hash library database), because it's a one-way hash algorithm. This ensures that the password is saved in encrypted format to the database and even the admin is unable to see the password. The whole site is SSL (Secure Socket Layer) secured. SSL is a series of cryptographic protocols that provide security for communications over networks. SSL makes eavesdropping impossible so nobody is able to catch user authentication traffic. It is reported widely that many SQL based databases are prone to so called SQL injection. All user input is always filtered before executing any SQL queries. This ensures that nobody is able to use any SQL specific characters like ; ' " and alike to make their own hazardous remove all tables query. Access to the database is very limited in such a way that executing only stored procedures is permitted.

2. Installing LAMP and initial configuration

LAMP consists of Linux, Apache, MySQL and PHP. In addition phpMyAdmin is also installed for easy web based mysql management.

On my home computer I use Kubuntu 9.04 Linux distribution. It doesn't matter which distribution to use, but I base these instructions especially for Kubuntu.

Software packages to install:

```
sudo apt-get install mysql-server mysql-client apache2 php5 php5-mysql phpmyadmin
```

2.1 Apache web server configuration

2.1.1 To check that Apache is working

`http://server_ip`

If you can see Apache welcome message in your web browser then Apache is working.

To make this error message disappear when starting Apache.

apache2: Could not determine the server's fully qualified domain name, using 127.0.0.1 for ServerName.

The following code creates a file with a line *"ServerName localhost"*.

```
echo "ServerName localhost" | sudo tee /etc/apache2/conf.d/fqdn
```

2.1.2 To change website location on the server

Create a folder for the new website.

```
sudo mkdir /var/www/sportlog
```

Restrict user rights.

```
sudo chmod 755 -R /var/www/sportlog
```

Create index.html to a new folder.

```
sudo touch /var/www/sportlog/index.html
```

Backup default apache configuration.

```
sudo cp /etc/apache2/sites-available/default /etc/apache2/sites-available/default_bak
```

Make a symlink (should be already made by default).

```
sudo ln -s /etc/apache2/sites-available/default /etc/apache2/sites-enabled/default
```

Edit default configuration file.

```
sudo nano /etc/apache2/sites-available/default
```

'DocumentRoot' is changed to point /var/www/

'Directory' is changed to /var/www/

Restart Apache for modifications to take effect.

```
sudo /etc/init.d/apache2 restart
```

Test web server.

In web browser type: *localhost/sportlog*

In case site should be show up with just typing the server.ip (or localhost) then change 'DocumentRoot' to point */var/www/sportlog* in */etc/apache2/sites-available/default*.

2.2 MySQL database server configuration

To modify MySQL server configuration file to allow access to the database from other computers from the same network.

```
nano /etc/mysql/my.cnf
```

bind-address is changed from localhost to internal ip-address

To create MySQL root user password if not already set in installation.

```
mysql -u root
```

```
mysql> SET PASSWORD FOR 'root'@'localhost' = PASSWORD('yourpassword');
```

To connect to MySQL server.

```
mysql -h host -u user -p
```

To create a MySQL database.

```
mysql>create database databasename;
```

To create a new master user with high privileges to use sportlog database.
(localhost can be replaced with ip-addresses).

```
mysql> GRANT SELECT, INSERT, UPDATE, DELETE, CREATE, DROP, INDEX,  
ALTER, CREATE TEMPORARY TABLES, LOCK TABLES ON sportlog.* TO  
'yourusername'@'localhost' IDENTIFIED BY 'yourpassword';
```

To create a new typical user with lower rights to sportlog database.

```
mysql> GRANT SELECT, INSERT, UPDATE, DELETE  
ON sportlog.* TO 'yourusername'@'localhost' IDENTIFIED BY 'yourpassword';
```

To create a control user for phpmyadmin (needed for 'linked-tables infrastructure' features).

```
mysql> GRANT USAGE ON mysql.* TO 'phpmyadmin'@'localhost' IDENTIFIED BY  
'password';
```

```
mysql> GRANT SELECT (Host, User, Select_priv, Insert_priv, Update_priv,  
Delete_priv, Create_priv, Drop_priv, Reload_priv, Shutdown_priv, Process_priv,  
File_priv, Grant_priv, References_priv, Index_priv, Alter_priv, Show_db_priv,  
Super_priv, Create_tmp_table_priv, Lock_tables_priv, Execute_priv,  
Repl_slave_priv, Repl_client_priv) ON mysql.user TO  
'phpmyadmin'@'localhost';
```

```
mysql> GRANT SELECT ON mysql.db TO 'phpmyadmin'@'localhost';
```

```
mysql> GRANT SELECT ON mysql.host TO 'phpmyadmin'@'localhost';
```

```
mysql> GRANT SELECT (Host, Db, User, Table_name, Table_priv,  
Column_priv) ON mysql.tables_priv TO 'phpmyadmin'@'localhost';
```

```
mysql> FLUSH PRIVILEGES;
```


2.3 PhpMyAdmin configuration

2.3.1 Configure phpmyadmin with 'linked-tables infrastructure features

Make a backup.

```
sudo cp /usr/share/phpmyadmin/config.inc.php
/usr/share/phpmyadmin/config.inc.php_backup
```

Edit the file below.

```
sudo nano /usr/share/phpmyadmin/config.inc.php
```

The most important changes we make here are MySQLi extension, controluser, disabling root access, port, socket, connect type, hosts, authentication, blowfish secret and defining 'linked-tables infrastructure' tables. I have deleted my blowfish_secret and password from these instructions so you must remember to change your own passwords.

\$cfg['blowfish_secret'] can be anything, but make it random.

```
<?php
/**
 * Phpmyadmin configuration for many hosts.
 */

$i=0;
$hosts = array (
    "localhost"
);

$cfg['blowfish_secret'] = ''; //write random characters

foreach ($hosts as $host) {
    $i++;
    $cfg['Servers'][$i]['host']      = $host;
    $cfg['Servers'][$i]['port']      = '3306';
    $cfg['Servers'][$i]['socket']    = '/var/run/mysqld/mysqld.sock';
    $cfg['Servers'][$i]['connect_type'] = 'socket';
    $cfg['Servers'][$i]['extension'] = 'mysqli';
    $cfg['Servers'][$i]['compress'] = FALSE;
    $cfg['Servers'][$i]['controluser'] = 'phpmyadmin';
    $cfg['Servers'][$i]['controlpass'] = ''; //write password
    $cfg['Servers'][$i]['auth_type'] = 'cookie';
    // $cfg['Servers'][$i]['user']      = '';
    // $cfg['Servers'][$i]['password'] = '';
    $cfg['Servers'][$i]['AllowRoot'] = FALSE; //disables phpmyadmin root login
    $cfg['ForceSSL'] = TRUE;
    $cfg['Servers'][$i]['only_db'] = '';
    $cfg['Servers'][$i]['verbose'] = '';
    $cfg['Servers'][$i]['pmadb'] = 'phpmyadmin';
    $cfg['Servers'][$i]['bookmarktable'] = 'pma_bookmark';
    $cfg['Servers'][$i]['relation'] = 'pma_relation';
    $cfg['Servers'][$i]['table_info'] = 'pma_table_info';
    $cfg['Servers'][$i]['table_coords'] = 'pma_table_coords';
    $cfg['Servers'][$i]['pdf_pages'] = 'pma_pdf_pages';
    $cfg['Servers'][$i]['column_info'] = 'pma_column_info';
    $cfg['Servers'][$i]['history'] = 'pma_history';
    $cfg['Servers'][$i]['designer_coords'] = 'pma_designer_coords';
}
?>
```

Security aspects concerning the code above.

`$cfg['Servers'][$i]['AllowRoot'] = FALSE;` is optional but improves security, because it disables phpmyadmin's root login.

2.3.2 Create tables for 'Linked-tables infrastructure'

Unpack create tables script.

```
sudo gzip -d /usr/share/doc/phpmyadmin/examples/create_tables_mysql_4_1_2+.sql.gz
```

Modify create tables script's privileges section.

```
--  
-- Privileges  
--  
GRANT SELECT, INSERT, DELETE, UPDATE ON `phpmyadmin`.* TO  
'pma'@localhost;
```

Change '*pma*' on above code to '*phpmyadmin*' or whatever your control user name is.

Execute create tables script.

```
mysql <  
/usr/share/doc/phpmyadmin/examples/create_tables_mysql_4_1_2+.sql  
-u root -p
```

2.3.3 Access PHPMYAdmin

```
http://localhost/phpmyadmin  
or  
http://server.ip/phpmyadmin
```

2.4 PHP configuration

Test that php is working.

```
nano /home/username/testphp.php  
write <?php phpinfo(); ?> into the file and save  
http://server_ip_address/testphp.php
```

3. SportLog database

3.1 Miniworld

Spotlog acts as a conventional way to log physical exercises by individuals or groups such as football teams. It contains the most necessary things to log. Afterwards it's a great source of information for coaches and keep-fit enthusiasts. Sportlog is a website where users can register to get their own account and then add, edit, remove and show all their sport related data. It's a practical way, because the service works on every machine capable of browsing web pages and it works everywhere where you can access Internet. All data user has submitted are always there. There's no need to upload data to user's computer, because all transactions are done in the server.

User can add athlete, exercise, equipment, owned equipment, sport, coach and personal coach related data. They can also see them easily in row-by-row basis and delete one record at a time by clicking just once and confirming delete. Editing can be done as easily by viewing records and clicking desired record to edit. After user has clicked edit button user is redirected to edit page where he/she can see old data in text fields and edit them if wanted. Registered user can modify and delete his/her account in any time without further notice. Unregistered user has no access to Sportlog besides initial login page. This is achieved by strict user authentication.

Sportlog website has administrator login also. Admin user can't be done via website for security reasons. It's only done via MySQL. Admin has broader rights than normal users and the main purpose for admin user is to manage users. Admin can create, edit and delete users. Admin can't see user passwords, because all passwords are encrypted with MD5 one-way hash algorithm.

3.2 Project syntax style design

Database name is written in small letters.

Table names start with T_ and the following words are compounded and the first letter of every word is capitalised.

Field names are compounded and every word starts with a capital letter.

Every document in the server is written in small letters and all words are connected with an underline. PHP classes are only exception.

Stored procedures are compounded and every word starts with a capital letter.

3.3 Entity-relationship diagram

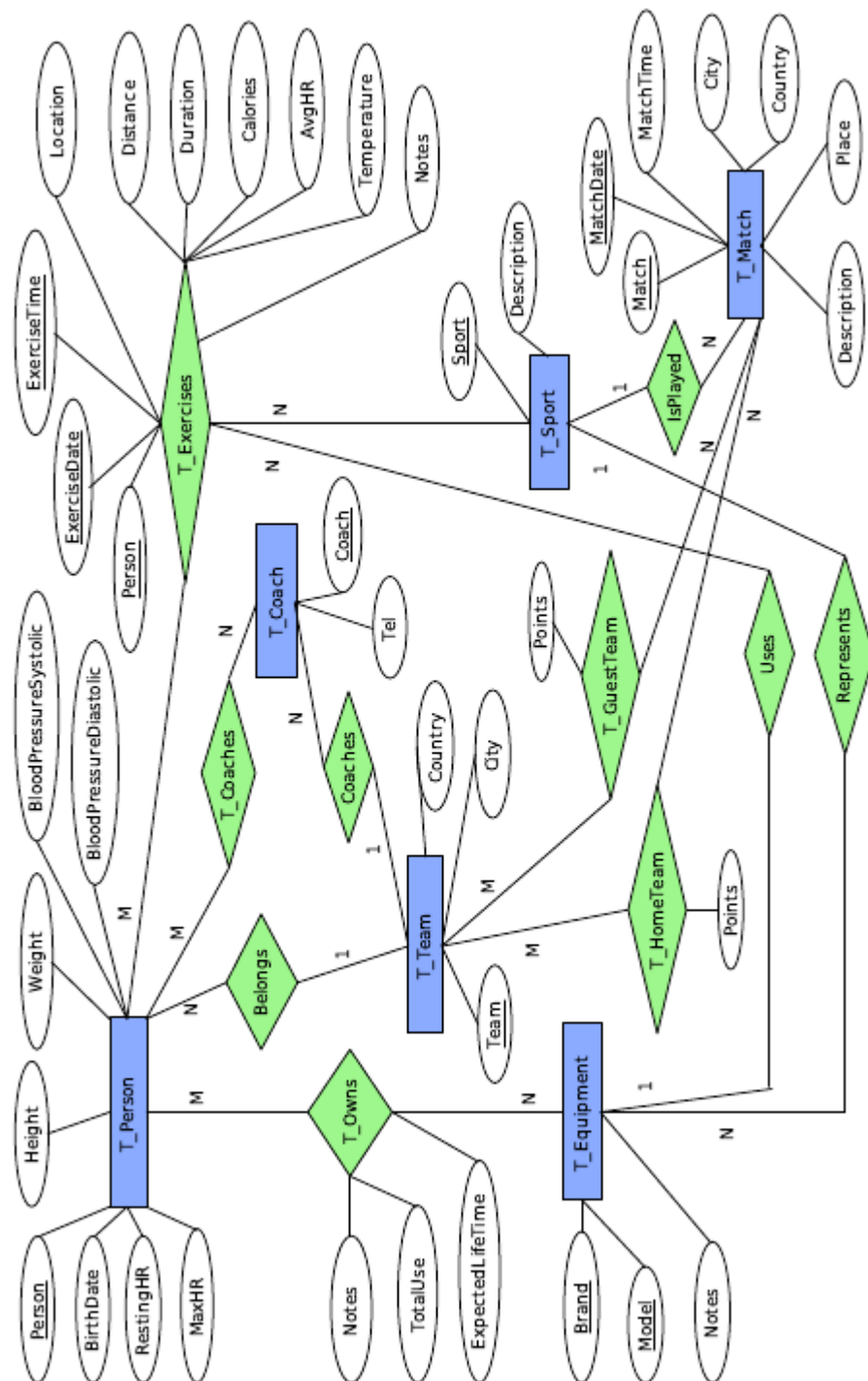


Illustration 1: ER Model

3.4 Relational model

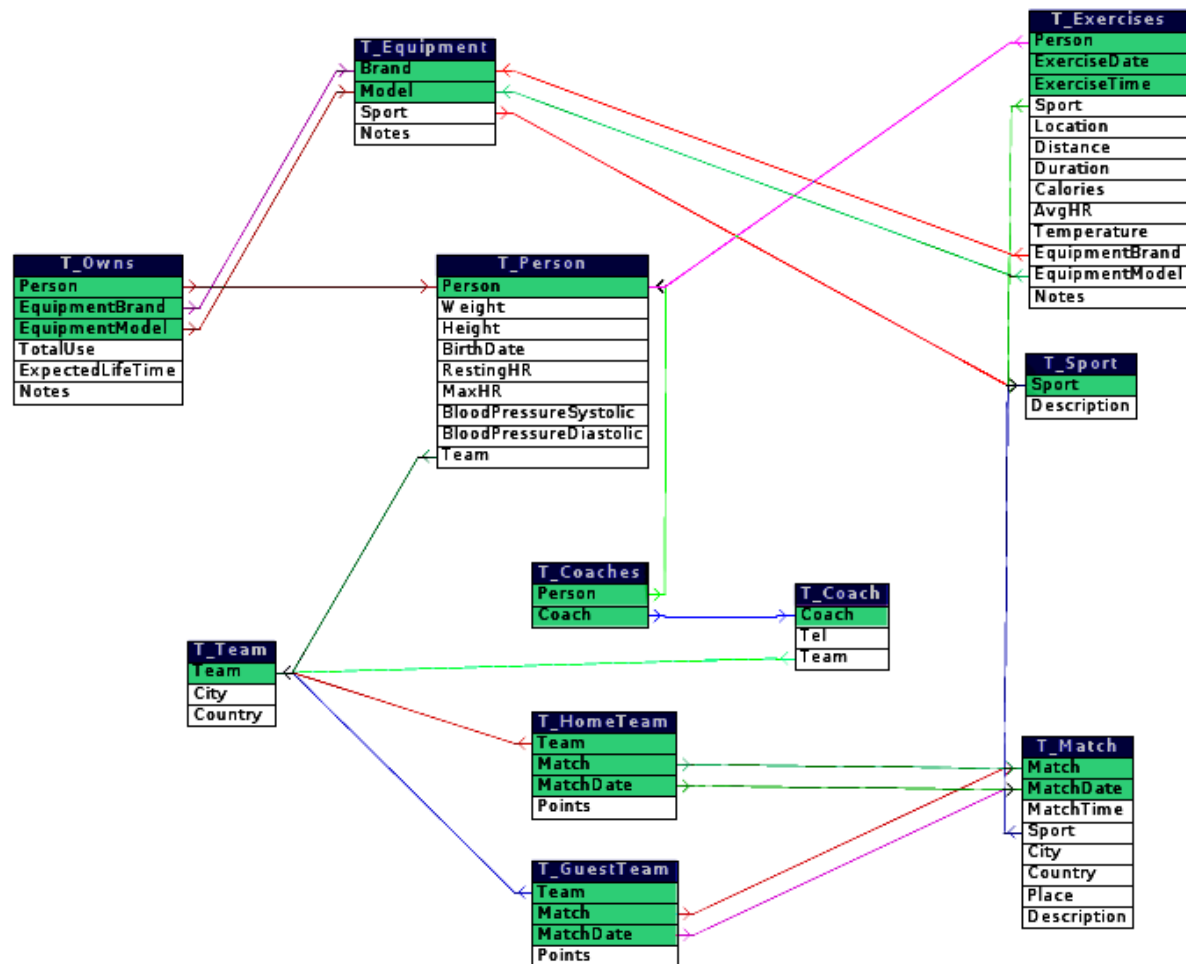


Illustration 2: Relational model

3.5 User rights

User's has rights to do tasks that are possible via web user interface. The database user that is used to connect to database and to do all tasks is given privileges to execute stored procedures only.

3.6 Authentication

User needs an account to Sportlog to gain access. Website uses session variables to check if user is logged. In case user has not logged he/she is always redirected to the login page. Every page has authentication check except the login page and registration page. User needs to type his/her user name and password for a login screen. SQL query then checks if user name and password matches to records in registration database. User gains access to Sportlog only if SQL query returns one row that informs user is privileged to use the service.

3.7 Data maintenance

For this project InnoDB storage engine was chosen and one of the reasons for that was to prevent table crashes in the first place. InnoDB is a journaling storage engine that can recover from most corruptions on it's own. Unexpected things can still happen if something goes terribly wrong. Hardware failure or simple human mistake can be enough to encounter problems.

The most basic maintenance job is of course backup. Another ways to maintenance database is to flush query cache, check tables, analyse tables, optimize tables and repair tables.

Flush query cache.

```
mysql> FLUSH QUERY CACHE;
```

PHP script to check database tables. This table check scripts can be made periodical with cron.

```
<?php
//Modified version of
//http://dev.mysql.com/doc/refman/4.1/en/check-table.html
//Checks all tables in a database.
//Returns true if checking was succesful.
//Otherwise returns false and fills out $msg
function CheckTables(&$msg, $fast = true) {
    $msg = "";
    //connect to a database
    include "../conn_sportlog.inc.php";

    //get tables
    $tables = $mysqli->query("SHOW TABLES");
    //return false and error message if no tables found
```

```

if (!$tables || $tables->num_rows <= 0) {
    $msg = "Could not iterate database tables\n";
    return false;
}

$all_ok = true;
$checktype = "";
if ($fast) {
    $checktype = "FAST";
}

//go through every table
while (list($table_name) = $result->fetch_row()) {
    //check table
    $rs_status = $mysql->query("CHECK TABLE `{$table_name}` {$checktype}");
    if (!$rs_status || $rs_status->num_rows <= 0) {
        $msg .= "Could not get status for table {$table_name}\n";
        $all_ok = false;
        continue;
    }
    # Seek to last row
    $rs_status->data_seek($rs_status->num_rows-1);
    $row_status = $rs_status->fetch_assoc();
    if ($row_status['Msg_type'] != "status") {
        $msg .= "Table {$row_status['Table']}: ";
        $msg .= "{$row_status['Msg_type']} = ";
        {$row_status['Msg_text']}\n";
        $all_ok = false;
    }
}
return $all_ok;
}
?>

```

Analyse all tables from all databases. Select and insert privileges are needed.

```
mysqlcheck -Aa -u user_name -p password
```

PHP script to optimise all tables in a database.

```

<?php
//Optimise all tables in a database.
//Returns true if optimizing was succesful.
//Otherwise returns false and fills out $msg
function OptimiseTables(&$msg) {
    $msg = "";
    //connect to a database
    include "../conn_sportlog.inc.php";

    //get tables
    $tables = $mysqli->query("SHOW TABLES");
    //return false and error message if no tables found
    if (!$tables || $tables->num_rows <= 0) {
        $msg = "Could not iterate database tables\n";
        return false;
    }

    $all_ok = true;
    //go through every table
    while (list($table_name) = $result->fetch_row()) {
        //check table

```

```

$rs_status = $mysql->query("OPTIMIZE TABLE ` $table_name `");
if (!$rs_status || $rs_status->num_rows <= 0) {
    $msg .= "Could not get status for table $table_name\n";
    $all_ok = false;
    continue;
}
# Seek to last row
$rs_status->data_seek($rs_status->num_rows-1);
$row_status = $rs_status->fetch_assoc();
if ($row_status['Msg_type'] != "status") {
    $msg .= "Table {$row_status['Table']}: ";
    $msg .= "{$row_status['Msg_type']} =
{$row_status['Msg_text']}\n";
    $all_ok = false;
}
}
return $all_ok;
}
?>

```

The easiest way to repair InnoDB tables is to recover from a backup. There are still some other methods to choose from. To the best of my knowledge InnoDB tables can be repaired using innodb-tools from the following address (<http://code.google.com/p/innodb-tools/>). Instructions of how to use innodb-tools are beyond this document. Innodb-tools wiki helps if you need further assistance.

Information about backup methods is found later in this document.

3.8 Indexes

All fields that are used in queries are indexed. Especially primary and foreign keys. This way queries are finished much faster.

3.9 MySQL Storage Engine

MySQL supports many storage engines and in this particular project InnoDB was chosen as it supports transaction-safe tables (TSTs) that allow lost data to be recovered, or a roll-back of data to revert changes recently made. InnoDB is also good for large and frequently used applications, although this project is not likely to be used by many users at this point.

3.10 User interface

3.10.1 Technical implementation

Sportlog's user interface is web technology that combines PHP, XHTML, CSS, Javascript and AJAX. Combining these technologies provides dynamic website that can be used with any web browser that supports standards. Javascript should be enabled as it provides some functions that can be only done in client side and not with PHP in server side. This includes populating other drop-down box content with information based on another drop-down box. This technology is actually called AJAX (asynchronous JavaScript and XML). The benefit for user is that the site must not be refreshed and site remains truly dynamic. Javascript is also used in other form actions such as resetting form and gaining focus to desired field. Delete confirmations are also handled with Javascript. PHP's function is to connect to the database

and handle all transactions in and out.

3.10.2 Navigation

Navigation was one of my main considerations, because simplicity is the main key when talking about user friendliness. I ended up with five big buttons on the top of the site and four of them are drop-down buttons. The titles are simple and clear. Only one short word. Navigation is done with CSS so it will work with every browser and device.

User can add athlete, exercise, equipment, owned equipment, sport, coach and personal coach related data. They can also see them easily in row-by-row basis and delete one record at a time by clicking just once.

User has two modes to choose from. If user desires to select specific athlete from Select->Athlete menu it acts like a filter. After selecting athlete Show menu is instantly modified on the fly. Show menu will then display totally different options than while in Select->All mode. Show menu is modified that it will display options that are only necessary for a specific athlete. Show menu is simplified a bit and some options are removed. When user clicks Show menu options they will only show one athlete specific info. For instance Show->Exercises shows only exercises by selected athlete. Same goes to summary. Summary totals distance and time for each sport for selected user. When user then chooses Select->All, Show menu will again change. In Select->All mode nothing is filtered. Show->Exercises will show exercises by every athlete. Summary will also total distance and time for each sport and by all athletes.

Options in the menus are not alphabetically ordered. They are ordered logically so that the most often used or most important options are positioned towards top of menu. They are also categorised so that e.g. equipment and owned equipment and also coaches and personal coaches are one after another.

Add exercise form is one of the most advanced in Sportlog. After user chooses athlete, brand selection box will show available equipment brands in other words equipment with brand name owned by the selected athlete. After choosing brand, model selection box will show exact equipment models with chosen brand name owned by selected athlete. This prevents user choosing equipment which is not owned by selected athlete. This three drop-down box combination is done with AJAX so that page is not refreshed while fulfilling the form.

Some columns in the show view have direct links for a quick access to desired information. For instance matches view has links to view team information and exercises view has links to person and sport information. All tables are effectively linked in show all views.

Sportlog has many options and features and their function is best understood by watching the screenshots in this document.

3.10.3 Screenshots

3.10.3.1 Login

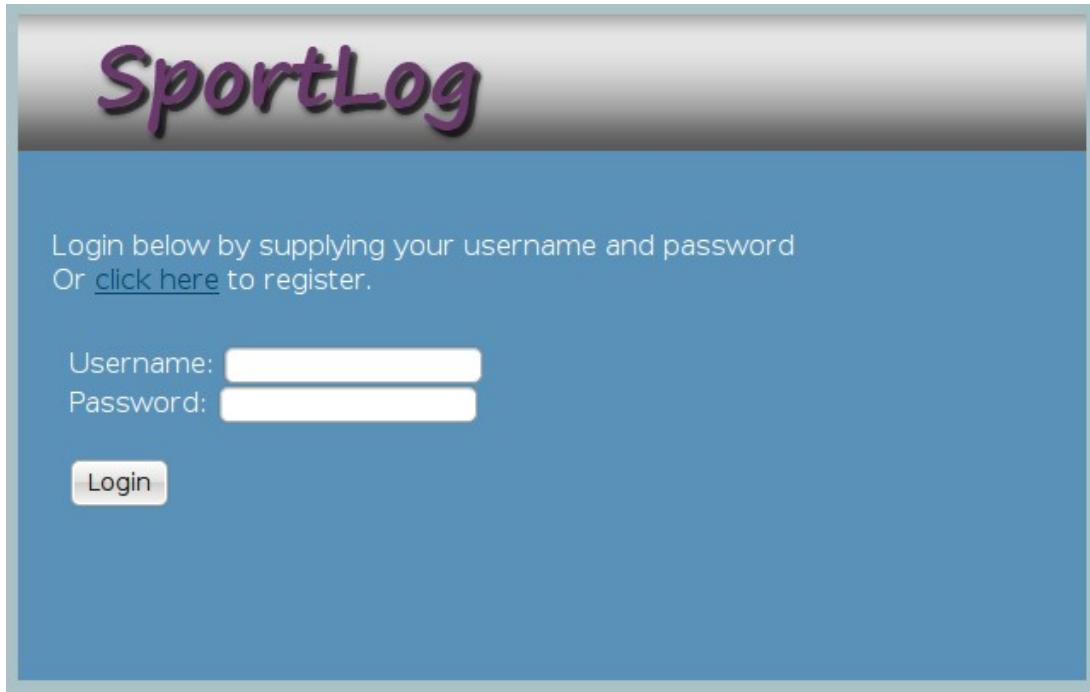
The screenshot shows a web application interface for 'SportLog'. At the top, the title 'SportLog' is displayed in a stylized, purple, 3D font against a dark grey gradient background. Below this, on a blue background, is a login section. It contains the text 'Login below by supplying your username and password' followed by 'Or [click here](#) to register.' Below the text are two white input fields: the first is labeled 'Username:' and the second is labeled 'Password:'. Underneath the password field is a small, light grey button with the text 'Login' in a darker grey font.

Illustration 3: Login

3.10.3.2 Register



SportLog

Register as a new user

The Username, Password, First name, Last name and Email fields are required.

Username: *

Password: *

First name: *

Last name: *

Email: *

* Required fields

[Back to login](#)

© Petri Tuononen 2009

Illustration 4: Register (not logged)

3.10.3.3 Index



Illustration 5: Index

3.10.3.4 Navigation



Illustration 6: Select navi



Illustration 7: Show navi (Select->All option)



Illustration 8: Show navi (Select->Athlete option)

*Illustration 9: Add navi**Illustration 10: Account navi*

3.10.3.5 Select menu

SportLog

SELECT SHOW ADD ACCOUNT INFO

Select athlete

David ▼

Select

© Petri Tuononen 2009

Illustration 11: Select athlete

3.10.3.6 Show menu (Select->All option)

SportLog

SELECT SHOW ADD ACCOUNT INFO

Athletes

	Person	Weight	Height	Birthdate	RestHR	MaxHR	Blood Pressure Systolic	Blood Pressure Diastolic	Team
edit del	David	55.0	192.0	1987-02-03	55	190	92	70	Liverpool FC
edit del	Eric Swiss	95.0	200.0	1976-08-20					HIK
edit del	Erkki Esimerkki	70.0	180.0	1987-08-04	55	200	90	60	Liverpool FC
edit del	Inda Tijal						84	120	Manchester United
edit del	Janne Juoksija	63.0	175.0	1987-02-25	52	200			Arsenal FC
edit del	Kalle Kalastaja	88.0	184.0	1976-05-21					
edit del	Maija Meikäläinen	55.0	168.0	1990-03-03					
edit del	Olli Esimerkki	80.0	188.0	1984-11-06	43	195			
edit del	Urs Larsson			1969-10-09	47				Liverpool FC
edit del	Ville Esimerkki	62.0	174.0	1988-08-13	60	204			

© Petri Tuononen 2009

Illustration 12: Show all athletes

SportLog

SELECT	SHOW	ADD	ACCOUNT	INFO										
Exercises														
		Person	Exercise Date	Exercise Time	Sport	Location	Distance	Duration	Calories	AvgHR	Temp	Equipment Brand	Equipment Model	Notes
edit:	del	David	2006-03-03	02:19:00	Running		12.00	01:01:00				Asics	GT-2130	
edit:	del	David	2008-04-02	03:02:21	Running		5.70					Asics	GT-2130	
edit:	del	Eric Swiss	2009-02-07	01:30:00	Football				1200	154	22			
edit:	del	Inda Tijal	2002-01-03	01:02:00	Football		8.00		800		23			
edit:	del	Janne Juoksija	2000-02-10	06:06:07	Running		10.00	01:03:02				Karhu	M1	
edit:	del	Janne Juoksija	2001-03-04	07:06:12	Cycling	Rome	15.00	07:06:12				Giant	Disc	
edit:	del	Janne Juoksija	2002-10-09	06:07:07	Cycling	Paris	24.00	06:07:07		152	27	Giant	Disc	
edit:	del	Janne Juoksija	2005-03-04	11:02:06	Running	Turku	22.00	11:02:06				Karhu	M1	
edit:	del	Janne Juoksija	2006-03-03	02:02:05	Running	Helsinki	12.00	02:02:05			7	Karhu	M1	
edit:	del	Janne Juoksija	2009-09-25	10:20:20	Running		15.00							

© Petri Tuononen 2009

Illustration 13: Show all exercises

SportLog

SELECT	SHOW	ADD	ACCOUNT	INFO
--------	------	-----	---------	------

Equipment

		Brand	Model	Sport	Notes
edit	del	Adidas	F50i	Football	
edit	del	Asics	GT-2130	Running	
edit	del	Asics	GT-2140	Running	
edit	del	Asics	Ienkkarit	Running	
edit	del	Burton	Custom X	Snowboarding	
edit	del	Giant	Disc	Cycling	
edit	del	Karhu	M1	Running	
edit	del	Karhu	M10	Running	For faster runs.
edit	del	Karhu	M2	Running	

© Petri Tuononen 2009

Illustration 14: Show all equipment

SportLog

SELECT SHOW ADD ACCOUNT INFO

Owned Equipment

	Person	EquipmentBrand	EquipmentModel	TotalUse	ExpectedLifeTime	Notes
edit del	David	Asics	GT-2130	17.70		
edit del	David	Burton	Custom X			
edit del	Eric Swiss	Adidas	F50i	0.00		
edit del	Erkki Esimerkki	Adidas	F50i	0.00		
edit del	Inda Tijal	Adidas	F50i	0.00		
edit del	Janne Juoksija	Karhu	M1			
edit del	Janne Juoksija	Karhu	M10			
edit del	Janne Juoksija	Karhu	M2			

© Petri Tuononen 2009

Illustration 15: Show all owned equipment

SportLog

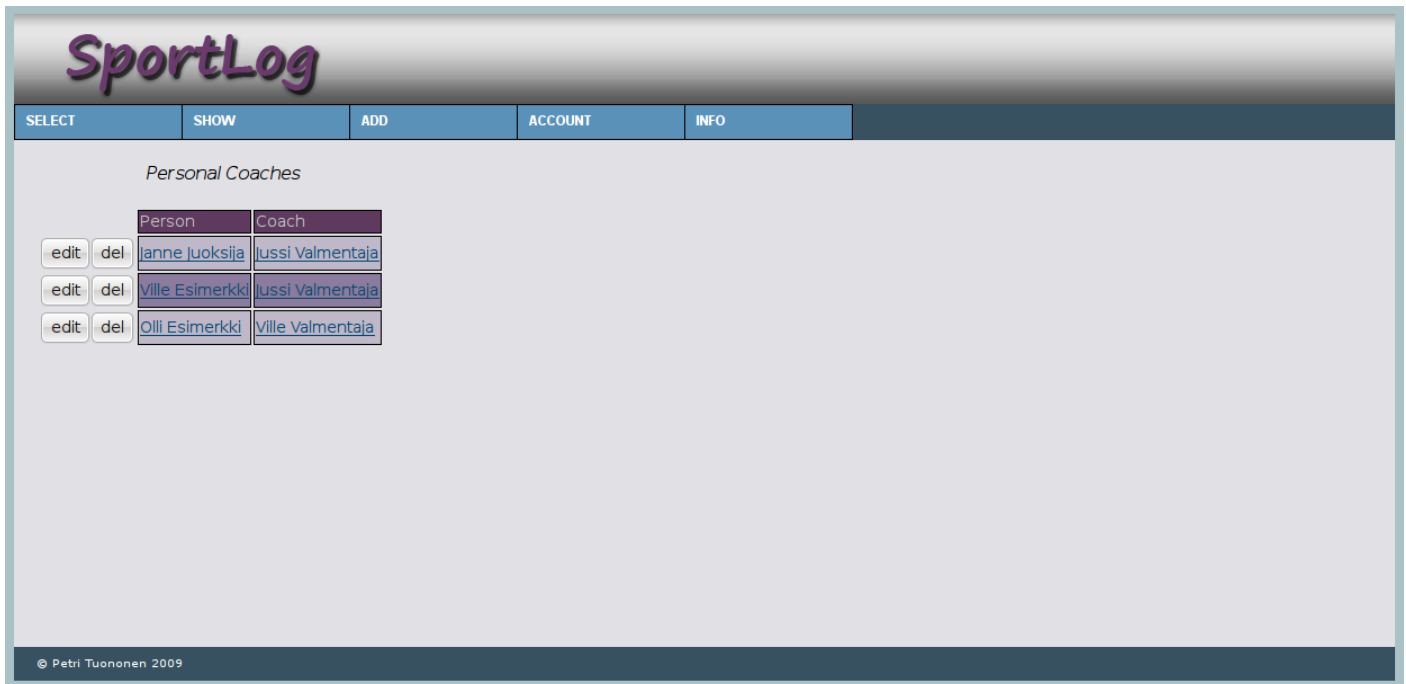
SELECT SHOW ADD ACCOUNT INFO

Coaches

	Coach	Tel	Team
edit del	Juan Benodus	0481234567	
edit del	Jussi Valmentaja	0441234567	Arsenal FC
edit del	Kake Coach	0411234567	TPS
edit del	Matti Valmentaja	0421234567	Portsmouth FC
edit del	Ville Valmentaja	0401234567	

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Illustration 16: Show all coaches

*Illustration 17: Show all personal coaches**Illustration 18: Show all teams*



The screenshot shows the 'SportLog' application interface. At the top is a navigation bar with buttons: SELECT, SHOW, ADD, ACCOUNT, and INFO. Below this is a section titled 'Matches'. To the left of the table are two columns of buttons: 'edit' and 'del'. The table itself has 11 columns: Match, Date, Start Time, Home Team, Guest Team, Sport, City, Country, Place, and Description. It contains four rows of match data.

Match	Date	Start Time	Home Team	Guest Team	Sport	City	Country	Place	Description
Liverpool FC - Manchester United	1996-02-08	18:17:00	Liverpool FC	Manchester United	Football	Liverpool	UK	Football stadium	
HJK-TPS	2009-04-15	15:00:00	HJK	TPS	Football	Turku	Finland	Veritas stadion	
Arsenal FC - Liverpool FC	2009-08-14	18:00:00	Arsenal FC	Liverpool FC	Football	London	UK	Emirates Stadium	
Portsmouth FC - Arsenal FC	2009-08-20	18:00:00	Portsmouth FC	Arsenal FC	Football	Portsmouth	UK	Portsmouth Football Stadium	Big game!

© Petri Tuononen 2009

Illustration 19: Show all matches

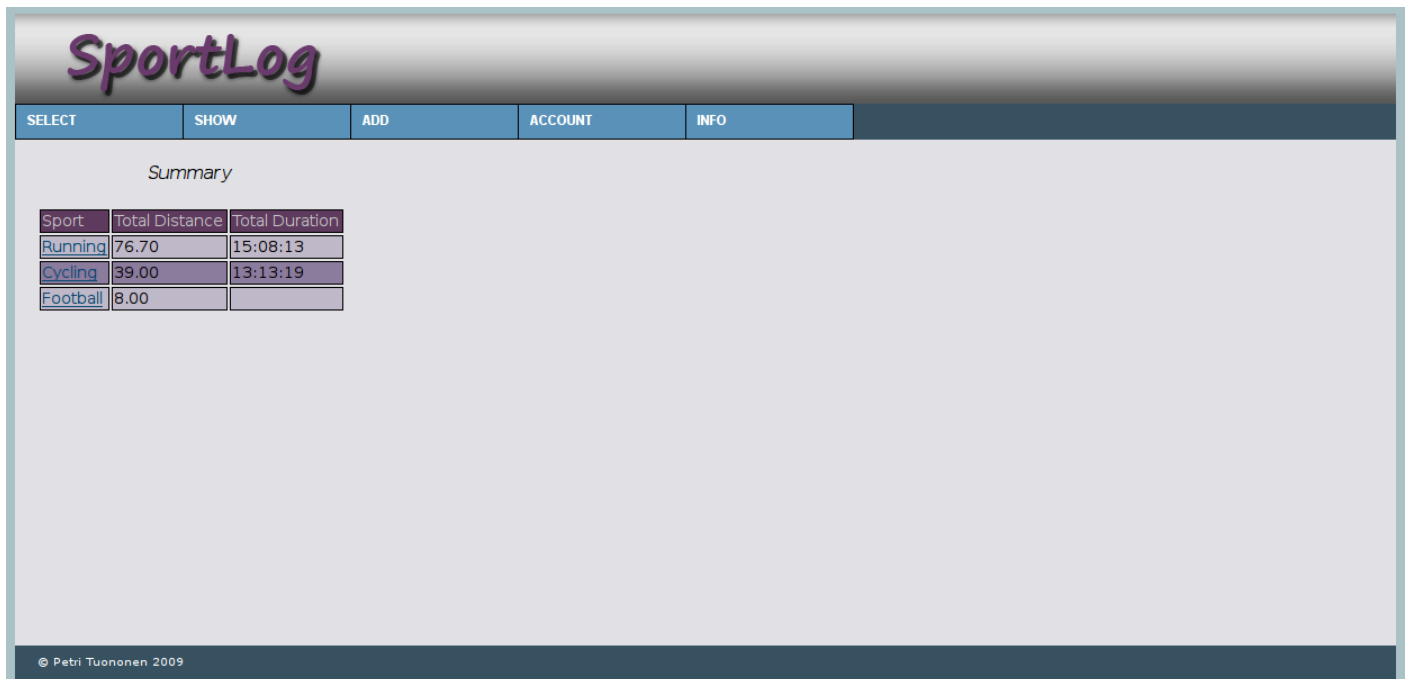


The screenshot shows the 'SportLog' application interface. At the top is a navigation bar with buttons: SELECT, SHOW, ADD, ACCOUNT, and INFO. Below this is a section titled 'Sport'. To the left of the table are two columns of buttons: 'edit' and 'del'. The table itself has 2 columns: Sport and Description. It contains 12 rows of sport data.

Sport	Description
Badminton	
Cycling	
Football	
Lacrosse	
Running	
Sky diving	
Snowboarding	
Swimming	
Tennis	
Wakeboarding	
Walking	

© Petri Tuononen 2009

Illustration 20: Show all sports



The screenshot shows the SportLog application interface. At the top, there is a header bar with the title "SportLog" in a stylized purple font. Below the header, there is a navigation bar with five buttons: "SELECT", "SHOW", "ADD", "ACCOUNT", and "INFO". The "SHOW" button is currently selected. The main content area displays a "Summary" table with three columns: "Sport", "Total Distance", and "Total Duration". The table contains three rows of data: Running (76.70, 15:08:13), Cycling (39.00, 13:13:19), and Football (8.00, empty). The footer of the application shows the copyright notice "© Petri Tuononen 2009".

Sport	Total Distance	Total Duration
Running	76.70	15:08:13
Cycling	39.00	13:13:19
Football	8.00	

Illustration 21: Show all summary

3.10.3.7 Show menu (Select->Athlete option)

SportLog

SELECT SHOW ADD ACCOUNT INFO

Athlete

Person	Weight	Height	Birthdate	Rest-HR	Max-HR	Blood Pressure Systolic	Blood Pressure Diastolic	Team
Janne Juoksija	63.0	175.0	1987-02-25	52	200			Arsenal FC

edit del

© Petri Tuononen 2009

Illustration 22: Show athlete

SportLog

SELECT SHOW ADD ACCOUNT INFO

Exercises

Person	Exercise Date	Exercise Time	Sport	Location	Distance	Duration	Calories	AvgHR	Temp	Equipment Brand	Equipment Model	Notes
Janne Juoksija	2000-02-10	06:06:07	Running		10.00	01:03:02				Karhu	M1	
Janne Juoksija	2001-03-04	07:06:12	Cycling	Rome	15.00	07:06:12				Giant	Disc	
Janne Juoksija	2002-10-09	06:07:07	Cycling	Paris	24.00	06:07:07		152	27	Giant	Disc	
Janne Juoksija	2005-03-04	11:02:06	Running	Turku	22.00	11:02:06				Karhu	M1	
Janne Juoksija	2006-03-03	02:02:05	Running	Helsinki	12.00	02:02:05			7	Karhu	M1	
Janne Juoksija	2009-09-25	10:20:20	Running		15.00							

edit del

© Petri Tuononen 2009

Illustration 23: Show exercises

SportLog

SELECT SHOW ADD ACCOUNT INFO

Owned Equipment

	Person	EquipmentBrand	EquipmentModel	TotalUse	ExpectedLifeTime	Notes
edit del	Janne Juoksija	Karhu	M1			
edit del	Janne Juoksija	Karhu	M10			
edit del	Janne Juoksija	Karhu	M2			

© Petri Tuononen 2009

Illustration 24: Show owned equipment

SportLog

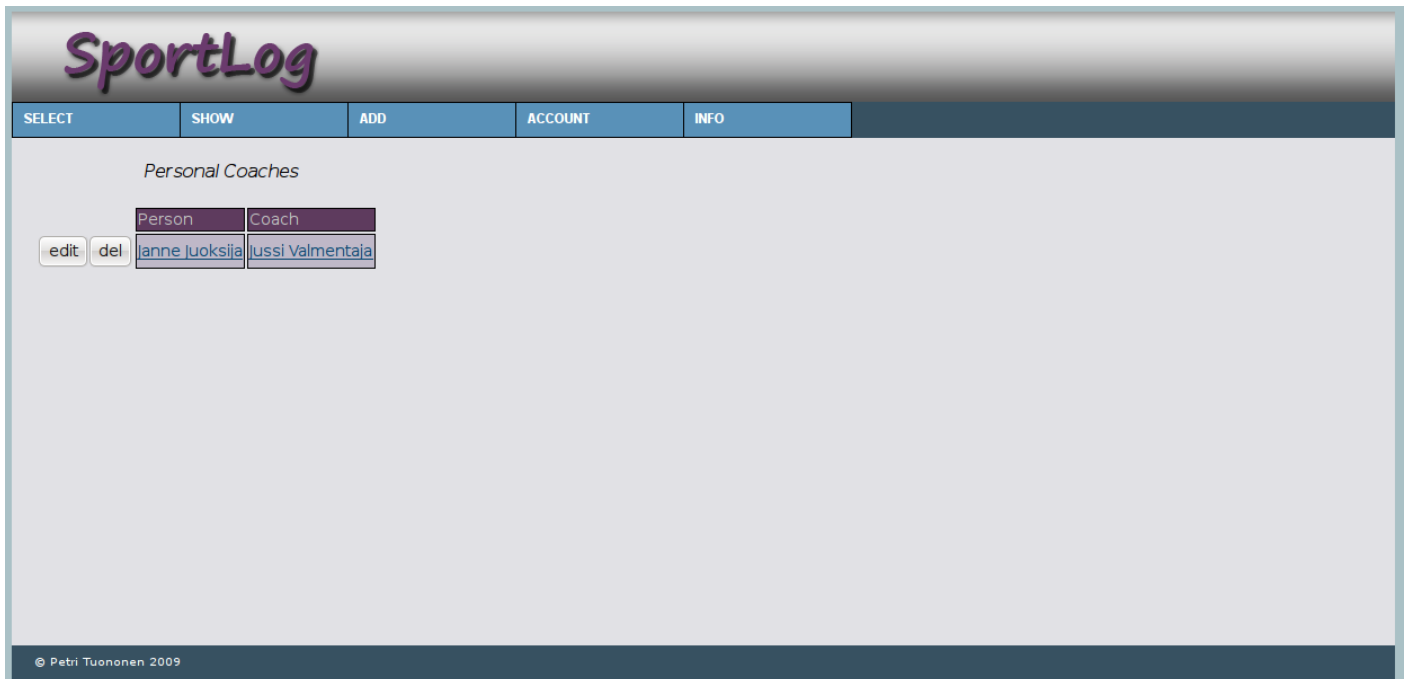
SELECT SHOW ADD ACCOUNT INFO

Coaches

	Coach	Tel	Team
edit del	Juan Benodus	0481234567	
edit del	Jussi Valmentaja	0441234567	Arsenal FC
edit del	Kake Coach	0411234567	TPS
edit del	Matti Valmentaja	0421234567	Portsmouth FC
edit del	Ville Valmentaja	0401234567	

© Petri Tuononen 2009

Illustration 25: Show coaches

*Illustration 26: Show personal coaches**Illustration 27: Show teams*

SportLog

SELECT SHOW ADD ACCOUNT INFO

Matches

Match	Date	Start Time	Home Team	Guest Team	Sport	City	Country	Place	Description
Liverpool FC - Manchester United	1996-02-08	18:17:00	Liverpool FC	Manchester United	Football	Liverpool	UK	Football stadium	
HJK-TPS	2009-04-15	15:00:00	HJK	TPS	Football	Turku	Finland	Veritas stadion	
Arsenal FC - Liverpool FC	2009-08-14	18:00:00	Arsenal FC	Liverpool FC	Football	London	UK	Emirates Stadium	
Portsmouth FC - Arsenal FC	2009-08-20	18:00:00	Portsmouth FC	Arsenal FC	Football	Portsmouth	UK	Portsmouth Football Stadium	Big game!

© Petri Tuononen 2009

Illustration 28: Show matches

SportLog

SELECT SHOW ADD ACCOUNT INFO

Summary

Person	Sport	Total Distance	Total Duration
Janne Juoksia	Cycling	39.00	13:13:19
Janne Juoksia	Running	59.00	14:07:13

© Petri Tuononen 2009

Illustration 29: Show summary

3.10.3.8 Add menu

The screenshot shows the 'SportLog' web application interface. At the top, there is a navigation bar with five tabs: 'SELECT', 'SHOW', 'ADD', 'ACCOUNT', and 'INFO'. The 'ADD' tab is currently selected. Below the navigation bar, the main content area is titled 'Add new athlete'. This section contains a form with the following fields and controls:

- Person:** A text input field followed by an asterisk (*), indicating it is a required field.
- Weight:** A text input field.
- Height:** A text input field.
- Birthdate:** Three dropdown menus labeled 'month', 'day', and 'year'.
- Resting heartrate:** A text input field.
- Max heartrate:** A text input field.
- Blood pressure systolic:** A text input field.
- Blood pressure diastolic:** A text input field.
- Team:** A dropdown menu with a placeholder text '-----'.

Below the form fields, there are two buttons: 'Submit' and 'Clear'. At the bottom left of the form area, there is a note: '* Required fields'. The footer of the application displays the copyright notice: '© Petri Tuononen 2009'.

Illustration 30: Add athlete

SportLog

SELECT	SHOW	ADD	ACCOUNT	INFO
--------	------	-----	---------	------

Add new exercise

Person:

Date: *

Time: *

Sport: *

Equipment brand:

Equipment model:

Location:

Distance (km):

Duration:

Calories (kcal):

Average heartrate:

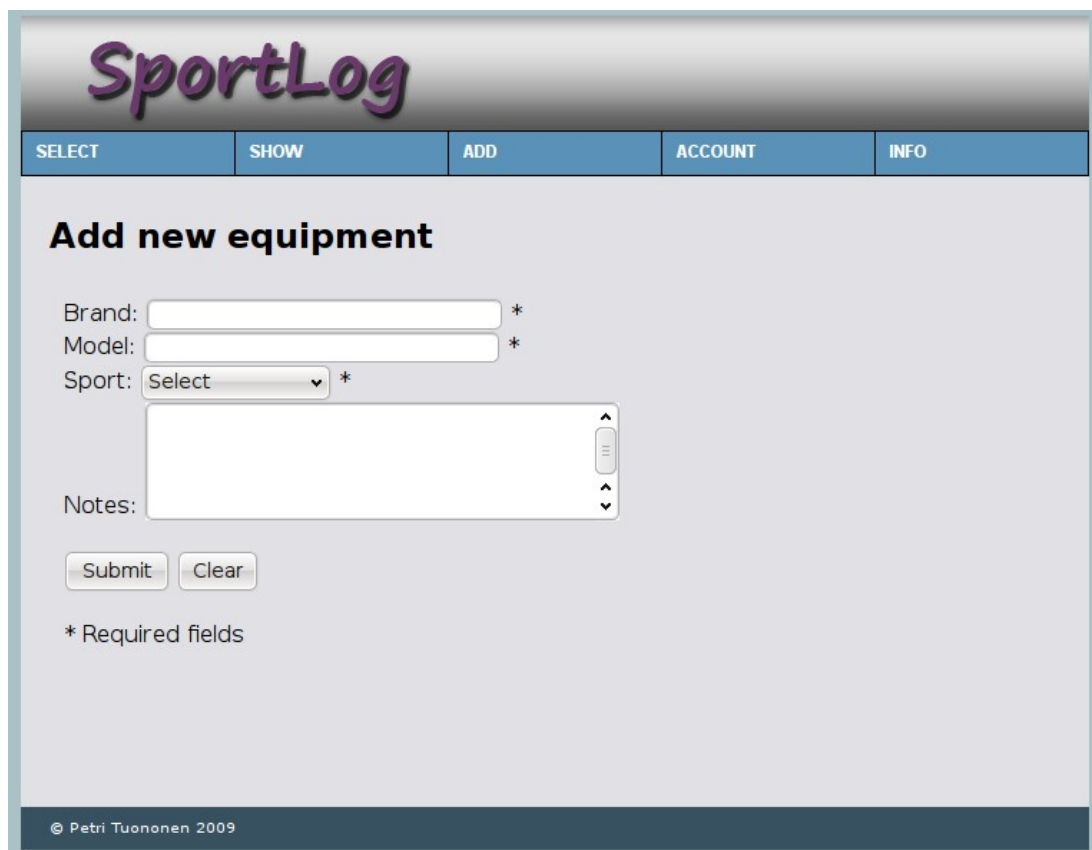
Temperature (°C):

Notes:

* Required fields

© Petri Tuononen 2009

Illustration 31: Add exercise



SportLog

SELECT	SHOW	ADD	ACCOUNT	INFO
--------	------	-----	---------	------

Add new equipment

Brand: *

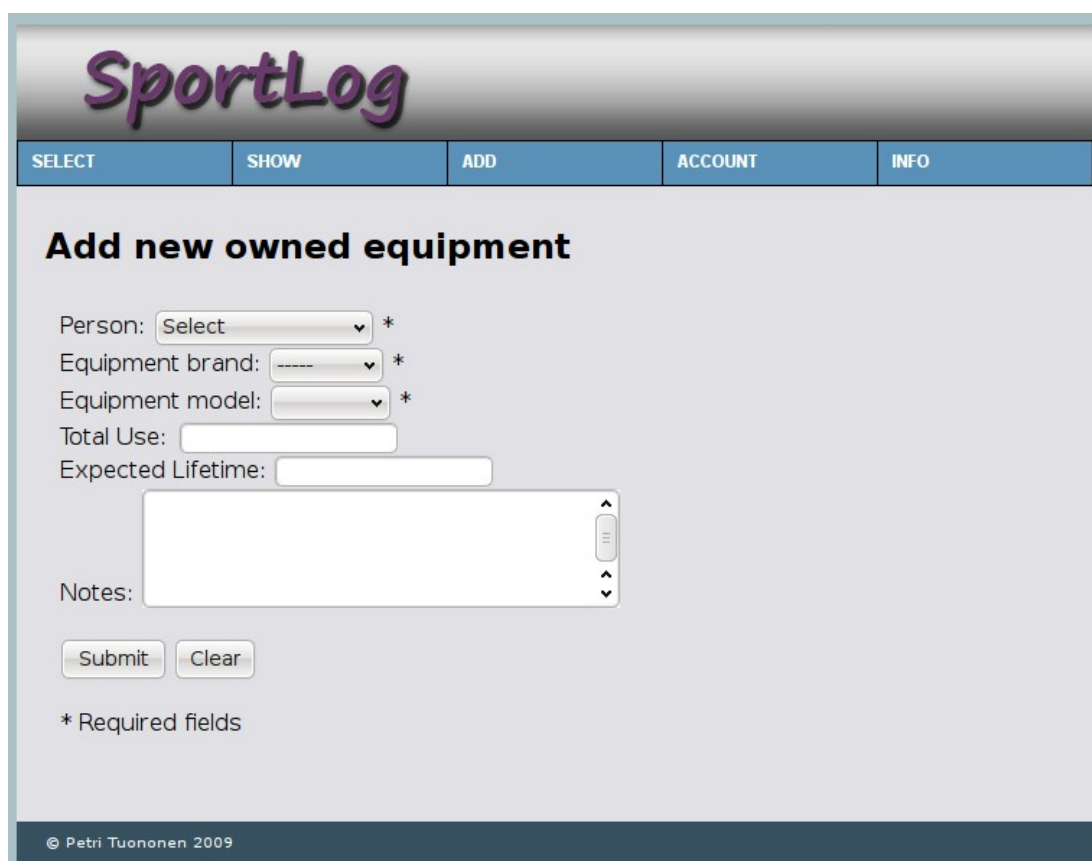
Model: *

Sport: *

Notes:

* Required fields

© Petri Tuononen 2009

Illustration 32: Add equipment

SportLog

SELECT	SHOW	ADD	ACCOUNT	INFO
--------	------	-----	---------	------

Add new owned equipment

Person: *

Equipment brand: *

Equipment model: *

Total Use:

Expected Lifetime:

Notes:

* Required fields

© Petri Tuononen 2009

Illustration 33: Add owned equipment



SportLog

SELECT	SHOW	ADD	ACCOUNT	INFO
--------	------	-----	---------	------

Add new sport

Sport: *

Description:

* Required fields

© Petri Tuononen 2009

Illustration 34: Add sport

SportLog

SELECT	SHOW	ADD	ACCOUNT	INFO
--------	------	-----	---------	------

Add new coach

Coach: *

Tel: *

Team:

* Required fields

© Petri Tuononen 2009

Illustration 35: Add coach

The image shows a web application interface for 'SportLog'. At the top, there is a header with the 'SportLog' logo in a stylized purple font. Below the header is a navigation bar with five tabs: 'SELECT', 'SHOW', 'ADD', 'ACCOUNT', and 'INFO'. The 'ADD' tab is currently selected. The main content area is titled 'Add new personal coach'. It contains two dropdown menus: 'Person:' and 'Coach:', both with 'Select' as the current value and an asterisk indicating they are required fields. Below these are two buttons: 'Submit' and 'Clear'. A note '* Required fields' is displayed below the buttons. At the bottom of the page, there is a footer with the text '© Petri Tuononen 2009'.

SportLog

SELECT	SHOW	ADD	ACCOUNT	INFO
--------	------	-----	---------	------

Add new personal coach

Person: *

Coach: *

* Required fields

© Petri Tuononen 2009

Illustration 36: Add personal coach

The image shows the same 'SportLog' web application interface, but for adding a new team. The 'ADD' tab is still selected. The main content area is titled 'Add new team'. It contains three text input fields: 'Team:', 'City:', and 'Country:', each followed by an asterisk indicating they are required fields. Below these are two buttons: 'Submit' and 'Clear'. A note '* Required fields' is displayed below the buttons. At the bottom of the page, there is a footer with the text '© Petri Tuononen 2009'.

SportLog

SELECT	SHOW	ADD	ACCOUNT	INFO
--------	------	-----	---------	------

Add new team

Team: *

City: *

Country: *

* Required fields

© Petri Tuononen 2009

Illustration 37: Add team

SportLog

SELECT	SHOW	ADD	ACCOUNT	INFO
--------	------	-----	---------	------

Add new match

Match: *

Date: *

Time: *

Sport: *

Home Team: *

Guest Team: *

City: *

Country: *

Place: *

Description:

* Required fields

© Petri Tuononen 2009

Illustration 38: Add match

3.10.3.9 Account menu



The screenshot shows a web application interface for 'SportLog'. At the top, there is a header bar with the 'SportLog' logo in a stylized purple font. Below the logo is a navigation menu with five tabs: 'SELECT', 'SHOW', 'ADD', 'ACCOUNT', and 'INFO'. The 'ACCOUNT' tab is currently selected and highlighted. The main content area is titled 'Personal information area' and contains the following text: 'Here you can update your personal information, or delete your account.' followed by 'Your current information is shown below:'. Below this, the user's current information is listed: 'First Name: testi', 'Last Name: user', and 'Email: testi@test.net'. At the bottom of the main content area, there are two links: 'Update Account' and 'Delete Account', separated by a vertical bar. The footer of the page contains the copyright notice '© Petri Tuononen 2009'.

SELECT	SHOW	ADD	ACCOUNT	INFO
<h3>Personal information area</h3> <p>Here you can update your personal information, or delete your account.</p> <p>Your current information is shown below:</p> <p>First Name: testi Last Name: user Email: testi@test.net</p> <p>Update Account Delete Account</p>				

© Petri Tuononen 2009

Illustration 39: Show/change user info



The screenshot shows a web application interface for 'SportLog'. At the top, there is a navigation bar with five tabs: 'SELECT', 'SHOW', 'ADD', 'ACCOUNT', and 'INFO'. The 'ACCOUNT' tab is currently selected. Below the navigation bar, a confirmation message is displayed: 'Are you sure you want to delete your account? There is no way to retrieve your account once you confirm!'. Below this message are two buttons: 'Yes' and 'No'. At the bottom of the page, a footer contains the copyright notice '© Petri Tuononen 2009'.

SELECT	SHOW	ADD	ACCOUNT	INFO
<p>Are you sure you want to delete your account? There is no way to retrieve your account once you confirm!</p> <p><input type="button" value="Yes"/> <input type="button" value="No"/></p>				

© Petri Tuononen 2009

Illustration 41: Delete account



SportLog

SELECT	SHOW	ADD	ACCOUNT	INFO
--------	------	-----	---------	------

Register as a new user

The Username, Password, First name, Last name and Email fields are required.

Username: *

Password: *

First name: *

Last name: *

Email: *

* Required fields

© Petri Tuononen 2009

Illustration 42: Register (logged)

3.10.3.10 Info menu

SportLog

SELECT	SHOW	ADD	ACCOUNT	INFO
--------	------	-----	---------	------

Info

Basic Info

This service is originally made for Relational Databases course held in Turku University of Applied Sciences. Everything you can see on this website including the underlying database architecture is made exclusively by Petri Tuononen.

Mission

This website acts as a conventional way to log physical exercises by individuals or groups such as football teams. It contains the most necessary things to log. Afterwards it's a great source of information for coaches and keep-fit enthusiasts.

Technical info

Used techniques include PHP, MySQL, XHTML, CSS, Javascript and AJAX. Service is run on LAMP configuration which includes a Linux computer running Apache web server, MySQL server+client and PHP. AJAX is used in situations where refreshing the site is not conventional. One example is that when the user selects an equipment brand then immediately the selection box below shows all models by that brand. Aside AJAX, Javascript is used only in less important tasks such as clearing the form and gaining focus to a specific field when refreshing the page. XHTML uses certain standards and I have done my best to obey them. For example XHTML doesn't allow style definitions and that's the reason why all styles are kept in specific stylesheets. It's always a great idea to separate things to simplify the whole process. PHP's role is remarkable in this site, because it provides the connection to the database and processes everything that needs to be processed. PHP is an important link that makes this site so dynamic. Everything was done using open source software. Eclipse editor was also a very practical tool with PHP plugin.

Security

I have worked hard to make this happen. The site has user authentication and the password is encrypted with MD5 (Message-Digest algorithm 5) which can't be decrypted (without brute force or decrypted MD5 hash library database), because it's a one-way hash algorithm. This ensures that the password is saved in encrypted format to the database and even the admin is unable to see the password. The whole site is SSL (Secure Socket Layer) secured. SSL is a series of cryptographic protocols that provide security for communications over networks. SSL makes eavesdropping impossible so nobody is able to catch user authentication traffic. All user input is always filtered before executing any SQL queries. This ensures that nobody is able to use any SQL specific characters like ; ' ' and alike to make their own hazardous remove all tables query. Access to the database is very limited in such a way that executing only stored procedures is permitted.

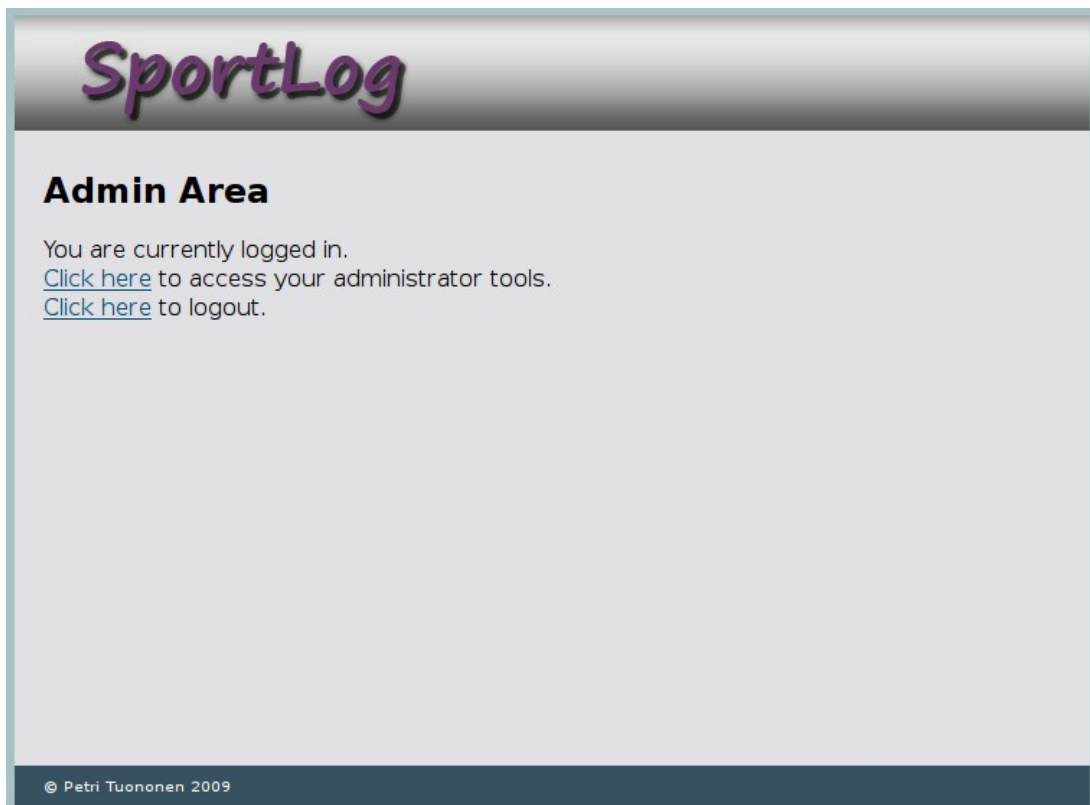
© Petri Tuononen 2009

3.10.3.11 Admin area



The image shows a web page titled "SportLog" with a purple logo. Below the logo, the heading "Admin Login" is displayed. A message states: "Login below by supplying your username and password". There are two input fields: "Username:" and "Password:". Below these fields is a "Login" button. At the bottom of the page, there is a copyright notice: "© Petri Tuononen 2009".

Illustration 43: Admin login



The image shows a web page titled "SportLog" with a purple logo. Below the logo, the heading "Admin Area" is displayed. A message states: "You are currently logged in." Below this message are two links: "[Click here](#) to access your administrator tools." and "[Click here](#) to logout." At the bottom of the page, there is a copyright notice: "© Petri Tuononen 2009".

Illustration 44: Admin index



Illustration 45: Admin area



Illustration 46: Update user account

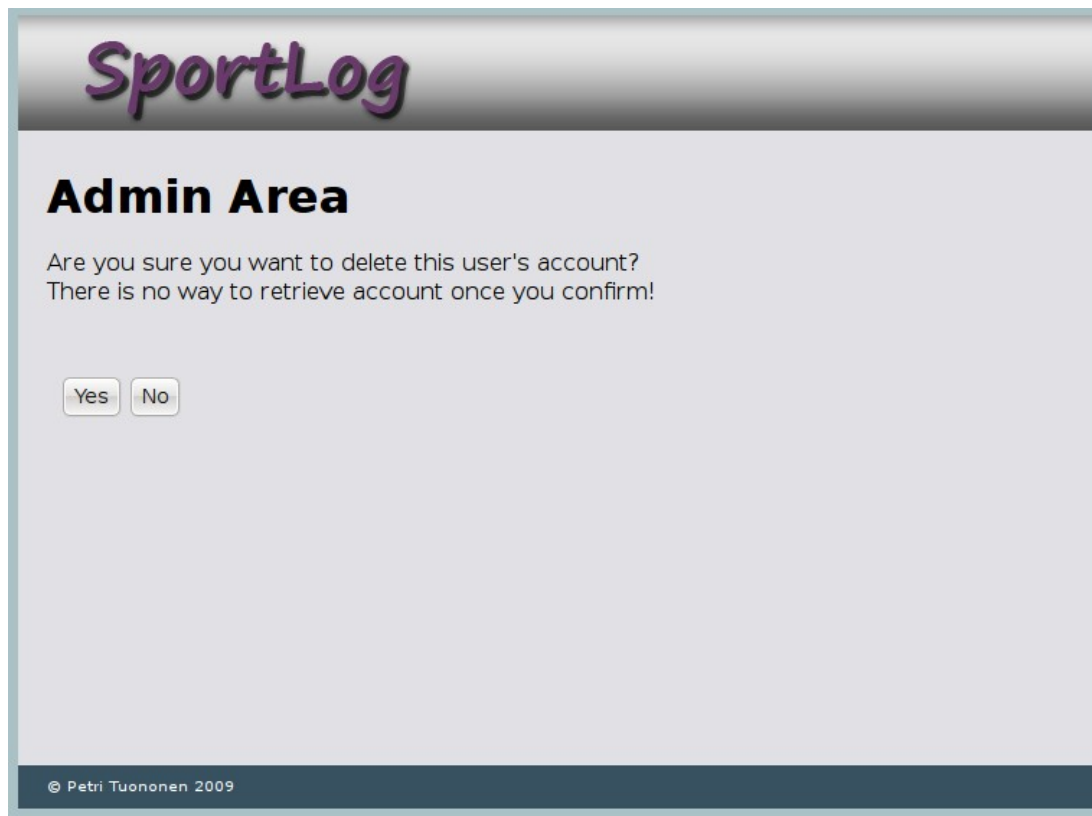


Illustration 47: Delete user account

3.10.3.12 Edit

The screenshot shows a web application titled "SportLog" with a navigation bar containing links: SELECT, SHOW, ADD, ACCOUNT, and INFO. The main content area is titled "Edit athlete" and contains a form with the following fields:

- Person: David *
- Weight: 55.0
- Height: 192.0
- Birthdate: 02 03 1987
- Resting heartrate: 55
- Max heartrate: 190
- Blood pressure systolic: 92
- Blood pressure diastolic: 70
- Team: Liverpool FC

Below the form are two buttons: "Submit" and "Clear". A note below the buttons states: "* Required fields". The footer of the application shows the copyright notice: "© Petri Tuononen 2009".

Illustration 48: Edit athlete

SportLog

SELECT	SHOW	ADD	ACCOUNT	INFO
--------	------	-----	---------	------

Edit exercise

Person: *

Date: *

Time: *

Sport: *

Equipment brand:

Equipment model:

Location:

Distance (km):

Duration:

Calories (kcal):

Average heartrate:

Temperature (°C):

Notes:

* Required fields

© Petri Tuononen 2009

Illustration 49: Edit exercise



The screenshot shows a web application titled "SportLog" with a navigation bar containing five tabs: SELECT, SHOW, ADD, ACCOUNT, and INFO. The "ADD" tab is active, displaying the "Edit equipment" form. The form includes three required fields: "Brand" (text input with "Asics"), "Model" (text input with "GT-2130"), and "Sport" (dropdown menu with "Running"). Each field is marked with an asterisk (*). Below these fields is a "Notes" section with a large text area. At the bottom of the form are "Submit" and "Clear" buttons. A legend indicates that the asterisk (*) denotes required fields. The footer of the application shows the copyright notice "© Petri Tuononen 2009".

SportLog

SELECT SHOW ADD ACCOUNT INFO

Edit equipment

Brand: *

Model: *

Sport: *

Notes:

* Required fields

© Petri Tuononen 2009

Illustration 50: Edit equipment

The screenshot shows a web application titled "SportLog" with a navigation bar containing five tabs: SELECT, SHOW, ADD, ACCOUNT, and INFO. The main content area is titled "Edit coach" and contains a form with three input fields: "Coach:" with the value "Jussi Valmentaja", "Tel:" with the value "0441234567", and "Team:" with a dropdown menu showing "Arsenal FC". Each of the first two fields has an asterisk (*) indicating it is a required field. Below the form are two buttons: "Submit" and "Clear". A note below the buttons states "* Required fields". The footer of the application shows the copyright notice "© Petri Tuononen 2009".

SELECT	SHOW	ADD	ACCOUNT	INFO
--------	------	-----	---------	------

Edit coach

Coach: *

Tel: *

Team:

* Required fields

© Petri Tuononen 2009

Illustration 51: Edit coach



The screenshot shows a web application titled "SportLog" with a navigation bar containing five tabs: SELECT, SHOW, ADD, ACCOUNT, and INFO. The "ADD" tab is currently selected. The main content area is titled "Edit personal coach" and contains two dropdown menus. The first dropdown is labeled "Person:" and has "Olli Esimerkki" selected, followed by an asterisk. The second dropdown is labeled "Coach:" and has "Ville Valmentaja" selected, also followed by an asterisk. Below these fields are two buttons: "Submit" and "Clear". A note below the buttons states "* Required fields". At the bottom of the page, there is a copyright notice: "© Petri Tuononen 2009".

SportLog

SELECT SHOW ADD ACCOUNT INFO

Edit personal coach

Person: Olli Esimerkki *
Coach: Ville Valmentaja *

Submit Clear

* Required fields

© Petri Tuononen 2009

Illustration 52: Edit personal coach



The screenshot shows a web application titled "SportLog" with a navigation bar containing five tabs: SELECT, SHOW, ADD, ACCOUNT, and INFO. The "ADD" tab is active, displaying the "Edit team" form. The form includes three text input fields: "Team:" with the value "Manchester United", "City:" with the value "Manchester", and "Country:" with the value "UK". Each field is followed by an asterisk (*). Below the fields are two buttons: "Submit" and "Clear". A note below the buttons states "* Required fields". The footer of the application shows the copyright notice "© Petri Tuononen 2009".

SportLog

SELECT SHOW ADD ACCOUNT INFO

Edit team

Team: *

City: *

Country: *

* Required fields

© Petri Tuononen 2009

Illustration 53: Edit team

SportLog

SELECT	SHOW	ADD	ACCOUNT	INFO
--------	------	-----	---------	------

Edit match

Match: *

Date: *

Time: *

Sport: *

Home Team: *

Guest Team: *

City: *

Country: *

Place: *

Description:

Big game!

* Required fields

© Petri Tuononen 2009

Illustration 54: Edit match



The screenshot shows a web application titled "SportLog" with a navigation bar containing five buttons: SELECT, SHOW, ADD, ACCOUNT, and INFO. The main content area is titled "Edit sport" and contains a form with two fields: "Sport:" and "Description:". The "Sport:" field has a text input with the value "Running" and an asterisk indicating it is a required field. The "Description:" field has a text area with the value "Effective way to keep good condition and health.". Below the fields are two buttons: "Submit" and "Clear". A note below the buttons states "* Required fields". The footer of the application shows the copyright notice "© Petri Tuononen 2009".

SportLog

SELECT	SHOW	ADD	ACCOUNT	INFO
--------	------	-----	---------	------

Edit sport

Sport: *

Description:

* Required fields

© Petri Tuononen 2009

Illustration 55: Edit sport

3.11 Database code

```

DROP TABLE IF EXISTS `T_Coach`;
CREATE TABLE IF NOT EXISTS `T_Coach` (
  `Coach` varchar(50) collate utf8_unicode_ci NOT NULL,
  `Tel` varchar(20) collate utf8_unicode_ci NOT NULL,
  `Team` varchar(50) collate utf8_unicode_ci default NULL,
  PRIMARY KEY (`Coach`),
  UNIQUE KEY `Tel` (`Tel`),
  KEY `Team` (`Team`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

DROP TABLE IF EXISTS `T_Coaches`;
CREATE TABLE IF NOT EXISTS `T_Coaches` (
  `Person` varchar(50) collate utf8_unicode_ci NOT NULL,
  `Coach` varchar(50) collate utf8_unicode_ci NOT NULL,
  PRIMARY KEY (`Person`,`Coach`),
  KEY `Coach` (`Coach`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

DROP TABLE IF EXISTS `T_Equipment`;
CREATE TABLE IF NOT EXISTS `T_Equipment` (
  `Brand` varchar(50) collate utf8_unicode_ci NOT NULL,
  `Model` varchar(50) collate utf8_unicode_ci NOT NULL,
  `Sport` varchar(50) collate utf8_unicode_ci NOT NULL,
  `Notes` varchar(500) collate utf8_unicode_ci default NULL,
  PRIMARY KEY (`Brand`,`Model`),
  KEY `Sport` (`Sport`),
  KEY `Model` (`Model`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

DROP TABLE IF EXISTS `T_Exercises`;
CREATE TABLE IF NOT EXISTS `T_Exercises` (
  `Person` varchar(50) collate utf8_unicode_ci NOT NULL,
  `ExerciseDate` date NOT NULL,
  `ExerciseTime` time NOT NULL,
  `Sport` varchar(50) collate utf8_unicode_ci NOT NULL,
  `Location` varchar(50) collate utf8_unicode_ci default NULL,
  `Distance` decimal(5,2) default NULL,
  `Duration` time default NULL,
  `Calories` smallint(4) default NULL,
  `AvgHR` smallint(3) default NULL,
  `Temperature` smallint(3) default NULL,
  `EquipmentBrand` varchar(50) collate utf8_unicode_ci default NULL,
  `EquipmentModel` varchar(50) collate utf8_unicode_ci default NULL,
  `Notes` varchar(1000) collate utf8_unicode_ci default NULL,
  PRIMARY KEY (`Person`,`ExerciseDate`,`ExerciseTime`),
  KEY `Sport` (`Sport`),
  KEY `EquipmentBrand` (`EquipmentBrand`),
  KEY `EquipmentModel` (`EquipmentModel`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

DROP TABLE IF EXISTS `T_GuestTeam`;
CREATE TABLE IF NOT EXISTS `T_GuestTeam` (
  `Team` varchar(50) collate utf8_unicode_ci NOT NULL,
  `Match` varchar(50) collate utf8_unicode_ci NOT NULL,
  `MatchDate` date NOT NULL,

```

```

    `Points` smallint(4) default NULL,
    PRIMARY KEY (`Team`,`Match`,`MatchDate`),
    KEY `Match` (`Match`),
    KEY `MatchDate` (`MatchDate`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

DROP TABLE IF EXISTS `T_HomeTeam`;
CREATE TABLE IF NOT EXISTS `T_HomeTeam` (
    `Team` varchar(50) collate utf8_unicode_ci NOT NULL,
    `Match` varchar(50) collate utf8_unicode_ci NOT NULL,
    `MatchDate` date NOT NULL,
    `Points` smallint(4) default NULL,
    PRIMARY KEY (`Team`,`Match`,`MatchDate`),
    KEY `Match` (`Match`),
    KEY `MatchDate` (`MatchDate`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

DROP TABLE IF EXISTS `T_Match`;
CREATE TABLE IF NOT EXISTS `T_Match` (
    `Match` varchar(50) collate utf8_unicode_ci NOT NULL,
    `MatchDate` date NOT NULL,
    `MatchTime` time NOT NULL,
    `Sport` varchar(50) collate utf8_unicode_ci NOT NULL,
    `City` varchar(50) collate utf8_unicode_ci NOT NULL,
    `Country` varchar(50) collate utf8_unicode_ci NOT NULL,
    `Place` varchar(50) collate utf8_unicode_ci NOT NULL,
    `Description` varchar(500) collate utf8_unicode_ci default NULL,
    PRIMARY KEY (`Match`,`MatchDate`),
    KEY `Sport` (`Sport`),
    KEY `MatchDate` (`MatchDate`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

DROP TABLE IF EXISTS `T_Owns`;
CREATE TABLE IF NOT EXISTS `T_Owns` (
    `Person` varchar(50) collate utf8_unicode_ci NOT NULL,
    `EquipmentBrand` varchar(50) collate utf8_unicode_ci NOT NULL,
    `EquipmentModel` varchar(50) collate utf8_unicode_ci NOT NULL,
    `TotalUse` decimal(8,2) default '0.00',
    `ExpectedLifeTime` decimal(8,2) default NULL,
    `Notes` varchar(500) collate utf8_unicode_ci default NULL,
    PRIMARY KEY (`Person`,`EquipmentBrand`,`EquipmentModel`),
    KEY `EquipmentBrand` (`EquipmentBrand`),
    KEY `EquipmentModel` (`EquipmentModel`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

DROP TABLE IF EXISTS `T_Person`;
CREATE TABLE IF NOT EXISTS `T_Person` (
    `Person` varchar(50) collate utf8_unicode_ci NOT NULL,
    `Weight` decimal(4,1) default NULL,
    `Height` decimal(4,1) default NULL,
    `BirthDate` date default NULL,
    `RestingHR` smallint(3) default NULL,
    `MaxHR` smallint(3) default NULL,
    `BloodPressureSystolic` smallint(3) default NULL,
    `BloodPressureDiastolic` smallint(3) default NULL,
    `Team` varchar(50) collate utf8_unicode_ci default NULL,
    PRIMARY KEY (`Person`),
    KEY `Team` (`Team`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

```



```
DROP TABLE IF EXISTS `T_Sport`;
CREATE TABLE IF NOT EXISTS `T_Sport` (
  `Sport` varchar(50) collate utf8_unicode_ci NOT NULL,
  `Description` varchar(500) collate utf8_unicode_ci default NULL,
  PRIMARY KEY (`Sport`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

DROP TABLE IF EXISTS `T_Team`;
CREATE TABLE IF NOT EXISTS `T_Team` (
  `Team` varchar(50) collate utf8_unicode_ci NOT NULL,
  `City` varchar(50) collate utf8_unicode_ci NOT NULL,
  `Country` varchar(50) collate utf8_unicode_ci NOT NULL,
  PRIMARY KEY (`Team`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;

ALTER TABLE `T_Coach`
  ADD CONSTRAINT `T_Coach_ibfk_1` FOREIGN KEY (`Team`) REFERENCES `T_Team` (`Team`)
  ON DELETE SET NULL ON UPDATE CASCADE;

ALTER TABLE `T_Coaches`
  ADD CONSTRAINT `T_Coaches_ibfk_1` FOREIGN KEY (`Person`) REFERENCES `T_Person`
  (`Person`) ON DELETE CASCADE ON UPDATE CASCADE,
  ADD CONSTRAINT `T_Coaches_ibfk_2` FOREIGN KEY (`Coach`) REFERENCES `T_Coach`
  (`Coach`) ON DELETE CASCADE ON UPDATE CASCADE;

ALTER TABLE `T_Equipment`
  ADD CONSTRAINT `T_Equipment_ibfk_1` FOREIGN KEY (`Sport`) REFERENCES `T_Sport`
  (`Sport`) ON DELETE NO ACTION ON UPDATE CASCADE;

ALTER TABLE `T_Exercises`
  ADD CONSTRAINT `T_Exercises_ibfk_1` FOREIGN KEY (`Person`) REFERENCES `T_Person`
  (`Person`) ON DELETE CASCADE ON UPDATE CASCADE,
  ADD CONSTRAINT `T_Exercises_ibfk_7` FOREIGN KEY (`EquipmentBrand`) REFERENCES
  `T_Equipment` (`Brand`) ON UPDATE CASCADE,
  ADD CONSTRAINT `T_Exercises_ibfk_8` FOREIGN KEY (`EquipmentModel`) REFERENCES
  `T_Equipment` (`Model`) ON UPDATE CASCADE,
  ADD CONSTRAINT `T_Exercises_ibfk_9` FOREIGN KEY (`Sport`) REFERENCES `T_Sport`
  (`Sport`) ON DELETE NO ACTION ON UPDATE CASCADE;

ALTER TABLE `T_GuestTeam`
  ADD CONSTRAINT `T_GuestTeam_ibfk_1` FOREIGN KEY (`Team`) REFERENCES `T_Team`
  (`Team`) ON DELETE CASCADE ON UPDATE CASCADE,
  ADD CONSTRAINT `T_GuestTeam_ibfk_2` FOREIGN KEY (`Match`) REFERENCES `T_Match`
  (`Match`) ON DELETE CASCADE ON UPDATE CASCADE,
  ADD CONSTRAINT `T_GuestTeam_ibfk_3` FOREIGN KEY (`MatchDate`) REFERENCES
  `T_Match` (`MatchDate`) ON DELETE CASCADE ON UPDATE CASCADE;

ALTER TABLE `T_HomeTeam`
  ADD CONSTRAINT `T_HomeTeam_ibfk_1` FOREIGN KEY (`Team`) REFERENCES `T_Team`
  (`Team`) ON DELETE CASCADE ON UPDATE CASCADE,
  ADD CONSTRAINT `T_HomeTeam_ibfk_2` FOREIGN KEY (`Match`) REFERENCES `T_Match`
  (`Match`) ON DELETE CASCADE ON UPDATE CASCADE,
  ADD CONSTRAINT `T_HomeTeam_ibfk_3` FOREIGN KEY (`MatchDate`) REFERENCES `T_Match`
  (`MatchDate`) ON DELETE CASCADE ON UPDATE CASCADE;

ALTER TABLE `T_Match`
  ADD CONSTRAINT `T_Match_ibfk_1` FOREIGN KEY (`Sport`) REFERENCES `T_Sport`
  (`Sport`) ON DELETE NO ACTION ON UPDATE CASCADE;
```

```

ALTER TABLE `T_Owns`
  ADD CONSTRAINT `T_Owns_ibfk_1` FOREIGN KEY (`Person`) REFERENCES `T_Person`
  (`Person`) ON DELETE CASCADE ON UPDATE CASCADE,
  ADD CONSTRAINT `T_Owns_ibfk_4` FOREIGN KEY (`EquipmentBrand`) REFERENCES
`T_Equipment` (`Brand`) ON UPDATE CASCADE,
  ADD CONSTRAINT `T_Owns_ibfk_5` FOREIGN KEY (`EquipmentModel`) REFERENCES
`T_Equipment` (`Model`) ON UPDATE CASCADE;

ALTER TABLE `T_Person`
  ADD CONSTRAINT `T_Person_ibfk_1` FOREIGN KEY (`Team`) REFERENCES `T_Team`
  (`Team`) ON UPDATE CASCADE;

```

3.12 Adding sample data

```

INSERT INTO `T_Coach` (`Coach`, `Tel`, `Team`) VALUES
('Juan Benodus', '0481234567', NULL),
('Jussi Valmentaja', '0441234567', 'Arsenal FC'),
('Kake Coach', '0411234567', 'TPS'),
('Matti Valmentaja', '0421234567', 'Portsmouth FC'),
('Ville Valmentaja', '0401234567', NULL);

INSERT INTO `T_Coaches` (`Person`, `Coach`) VALUES
('Janne Juoksija', 'Jussi Valmentaja'),
('Ville Esimerkki', 'Jussi Valmentaja'),
('Olli Esimerkki', 'Ville Valmentaja');

INSERT INTO `T_Equipment` (`Brand`, `Model`, `Sport`, `Notes`) VALUES
('Adidas', 'F50i', 'Football', NULL),
('Asics', 'GT-2130', 'Running', NULL),
('Asics', 'GT-2140', 'Running', NULL),
('Asics', 'lenkkarit', 'Running', NULL),
('Burton', 'Custom X', 'Snowboarding', NULL),
('Giant', 'Disc', 'Cycling', NULL),
('Karhu', 'M1', 'Running', NULL),
('Karhu', 'M10', 'Running', 'For faster runs.'),
('Karhu', 'M2', 'Running', NULL);

INSERT INTO `T_Exercises` (`Person`, `ExerciseDate`, `ExerciseTime`, `Sport`,
`Location`, `Distance`, `Duration`, `Calories`, `AvgHR`, `Temperature`,
`EquipmentBrand`, `EquipmentModel`, `Notes`) VALUES
('David', '2006-03-03', '02:19:00', 'Running', NULL, '12.00', '01:01:00', NULL,
NULL, NULL, 'Asics', 'GT-2130', NULL),
('David', '2008-04-02', '03:02:21', 'Running', NULL, '5.70', NULL, NULL, NULL,
NULL, 'Asics', 'GT-2130', NULL),
('Eric Swiss', '2009-02-07', '01:30:00', 'Football', NULL, NULL, NULL, 1200, 154,
22, NULL, NULL, NULL),
('Inda Tijal', '2002-01-03', '01:02:00', 'Football', NULL, '8.00', NULL, 800, NULL,
23, NULL, NULL, NULL),
('Janne Juoksija', '2000-02-10', '06:06:07', 'Running', NULL, '10.00', '01:03:02',
NULL, NULL, NULL, 'Karhu', 'M1', NULL),
('Janne Juoksija', '2001-03-04', '07:06:12', 'Cycling', 'Rome', '15.00',
'07:06:12', NULL, NULL, NULL, 'Giant', 'Disc', NULL),
('Janne Juoksija', '2002-10-09', '06:07:07', 'Cycling', 'Paris', '24.00',
'06:07:07', NULL, 152, 27, 'Giant', 'Disc', NULL),
('Janne Juoksija', '2005-03-04', '11:02:06', 'Running', 'Turku', '22.00',
'11:02:06', NULL, NULL, NULL, 'Karhu', 'M1', NULL),
('Janne Juoksija', '2006-03-03', '02:02:05', 'Running', 'Helsinki', '12.00',
'02:02:05', NULL, NULL, 7, 'Karhu', 'M1', NULL),
('Janne Juoksija', '2009-09-25', '10:20:20', 'Running', NULL, '15.00', NULL, NULL,
NULL, NULL, NULL, NULL, NULL);

```

```

INSERT INTO `T_GuestTeam` (`Team`, `Match`, `MatchDate`, `Points`) VALUES
('Arsenal FC', 'Portsmouth FC - Arsenal FC', '2009-08-20', NULL),
('Liverpool FC', 'Arsenal FC - Liverpool FC', '2009-08-14', NULL),
('Manchester United', 'Liverpool FC - Manchester United', '1996-02-08', NULL),
('TPS', 'HJK-TPS', '2009-04-15', NULL);

INSERT INTO `T_HomeTeam` (`Team`, `Match`, `MatchDate`, `Points`) VALUES
('Arsenal FC', 'Arsenal FC - Liverpool FC', '2009-08-14', NULL),
('HJK', 'HJK-TPS', '2009-04-15', NULL),
('Liverpool FC', 'Liverpool FC - Manchester United', '1996-02-08', NULL),
('Portsmouth FC', 'Portsmouth FC - Arsenal FC', '2009-08-20', NULL);

INSERT INTO `T_Match` (`Match`, `MatchDate`, `MatchTime`, `Sport`, `City`,
`Country`, `Place`, `Description`) VALUES
('Arsenal FC - Liverpool FC', '2009-08-14', '18:00:00', 'Football', 'London', 'UK',
'Emirates Stadium', NULL),
('HJK-TPS', '2009-04-15', '15:00:00', 'Football', 'Turku', 'Finland', 'Veritas
stadion', NULL),
('Liverpool FC - Manchester United', '1996-02-08', '18:17:00', 'Football',
'Liverpool', 'UK', 'Football stadium', NULL),
('Portsmouth FC - Arsenal FC', '2009-08-20', '18:00:00', 'Football', 'Portsmouth',
'UK', 'Portsmouth Football Stadium', 'Big game!');

INSERT INTO `T_Owns` (`Person`, `EquipmentBrand`, `EquipmentModel`, `TotalUse`,
`ExpectedLifeTime`, `Notes`) VALUES
('David', 'Asics', 'GT-2130', '17.70', NULL, NULL),
('David', 'Burton', 'Custom X', NULL, NULL, NULL),
('Eric Swiss', 'Adidas', 'F50i', '0.00', NULL, NULL),
('Erkki Esimerkki', 'Adidas', 'F50i', '0.00', NULL, NULL),
('Inda Tijal', 'Adidas', 'F50i', '0.00', NULL, NULL),
('Janne Juoksija', 'Karhu', 'M1', NULL, NULL, NULL),
('Janne Juoksija', 'Karhu', 'M10', NULL, NULL, NULL),
('Janne Juoksija', 'Karhu', 'M2', NULL, NULL, NULL);

INSERT INTO `T_Person` (`Person`, `Weight`, `Height`, `BirthDate`, `RestingHR`,
`MaxHR`, `BloodPressureSystolic`, `BloodPressureDiastolic`, `Team`) VALUES
('David', '55.0', '192.0', '1987-02-03', 55, 190, 92, 70, 'Liverpool FC'),
('Eric Swiss', '95.0', '200.0', '1976-08-20', NULL, NULL, NULL, NULL, 'HJK'),
('Erkki Esimerkki', '70.0', '180.0', '1987-08-04', 55, 200, 90, 60, 'Liverpool
FC'),
('Inda Tijal', NULL, NULL, NULL, NULL, NULL, 84, 120, 'Manchester United'),
('Janne Juoksija', '63.0', '175.0', '1987-02-25', 52, 200, NULL, NULL, 'Arsenal
FC'),
('Kalle Kalastaja', '88.0', '184.0', '1976-05-21', NULL, NULL, NULL, NULL, NULL),
('Maija Meikäläinen', '55.0', '168.0', '1990-03-03', NULL, NULL, NULL, NULL, NULL),
('Olli Esimerkki', '80.0', '188.0', '1984-11-06', 43, 195, NULL, NULL, NULL),
('Urs Larsson', NULL, NULL, '1969-10-09', 47, NULL, NULL, NULL, 'Liverpool FC'),
('Ville Esimerkki', '62.0', '174.0', '1988-08-13', 60, 204, NULL, NULL, NULL);

INSERT INTO `T_Sport` (`Sport`, `Description`) VALUES
('Badminton', NULL),
('Cycling', NULL),
('Football', NULL),
('Lacrosse', NULL),
('Running', NULL),
('Sky diving', NULL),
('Snowboarding', NULL),
('Swimming', NULL),
('Tennis', NULL),

```

```

('Wakeboarding', NULL),
('Walking', NULL);

INSERT INTO `T_Team` (`Team`, `City`, `Country`) VALUES
('Arsenal FC', 'London', 'UK'),
('HJK', 'Helsinki', 'Finland'),
('Liverpool FC', 'Liverpool', 'UK'),
('Manchester United', 'Manchester', 'UK'),
('Portsmouth FC', 'Portsmouth', 'UK'),
('TPS', 'Turku', 'Finland');

```

3.13 Creating registration database

Registration database is used to record user registration information.

Log into MySQL client.

```
mysql -u root -p
```

Create a database for registration/login info.

```
CREATE DATABASE registration;
```

Use the newly created database.

```
USE registration;
```

Create a table for admins.

```

CREATE TABLE admin (
    username VARCHAR(50) NOT NULL,
    password VARCHAR(255) NOT NULL,
    first_name VARCHAR(50) NOT NULL,
    last_name VARCHAR(50) NOT NULL,
    email VARCHAR(50) NOT NULL,
    id int(10) NOT NULL auto_increment,
    PRIMARY KEY (id)
);

```

Create table for users.

```

CREATE TABLE user_info (
    username VARCHAR(50) NOT NULL,
    password VARCHAR(255) NOT NULL,
    first_name VARCHAR(50) NOT NULL,
    last_name VARCHAR(50) NOT NULL,
    email VARCHAR(50) NOT NULL,
    id int(10) NOT NULL auto_increment,
    PRIMARY KEY (id)
);

```

Create table for login attempts. It records every login attempt from specific ip addresses and it is used to allow certain amount of login attempts after disabling login access for certain period.

```

CREATE TABLE `login_attempts` (
    ip VARCHAR(20) NOT NULL,
    attempts INT NOT NULL,
    last_login DATETIME NOT NULL
);

```

Add admin

```
INSERT INTO admin (username, password, first_name, last_name, email, id)
VALUES ('petri', MD5('change_pass'), 'Petri', 'Tuononen',
'petri.tuononen@gmail.com', '');
```

3.14 Creating MySQL users to allow connection to SportLog related databases

We need to create three users. First user to have rights to execute only stored procedures on sportlog database. Second user to access registration database's user_info and admin tables and third user to access only login_attempts table on registration database for login authentication purposes only. Every user has access to those databases and tables via stored procedures only. This three user method is to enhance security, because this way no user has full rights to anything. Every user is also given a highly secure random password from <https://www.grc.com/passwords.htm>. The website generates truly unique passwords with AES.

```
mysql -u root -p
use user;
CREATE USER 'reg'@'localhost' IDENTIFIED BY 'STRONG_PASS';
CREATE USER 'sportman'@'localhost' IDENTIFIED BY 'STRONG_PASS';
CREATE USER 'login_checker'@'localhost' IDENTIFIED BY 'STRONG_PASS';
```

4. Backup

Backup and restore can be easily made with either mysqldump or phpMyAdmin.

4.1 Mysqldump method

4.1.1 Backup with mysqldump

in console:

```
mysqldump -u user_name -p password d_bname > save_filename.sql
```

4.1.2 Restoring with mysqldump

If database doesn't exists

```
mysql -u user_name -p password db_name < db_backup.sql
```

If database already exists

```
mysqlimport -u user_name -p password db_name db_backup.sql
```

4.2 phpMyAdmin method

4.2.1 Backup with phpMyAdmin

1. Login to phpMyAdmin
2. Click on database name
3. Click on the tab labeled EXPORT

4. Select all tables
5. Select settings, e.g. SQL must be checked
6. Check the SAVE FILE AS box
7. Click GO

4.2.2 Restoring with phpMyAdmin

1. Login to phpMyAdmin
2. Click on the tab labeled SQL
3. Uncheck the 'show query here again' box
4. Choose backup file
5. Click GO

4.3 Task scheduling

Task scheduling can be made with Linux's crontab to schedule commands.

Open crontab with default editor. Must be system wide task so super user rights are needed.

```
sudo crontab -e
```

Run daily. Add line:

```
@daily mysqldump -u user_name -p password d_bname > save_filename.sql
```

4.4 Email backup with encryption

Backup mysql databases with compression and encryption to email account
(script from web: <http://ilovett.com/blog/projects/gmail-gpg-and-backups-via-email>)

Important thing here is to have email server configured otherwise message is not send.

4.4.1 Instructions

Create gpg keys

```
gpg -gen-key
```

Install mutt email client

```
sudo apt-get install mutt
```

Edit and save this script as MailMysqlDatabaseEncrypted.sh to /sbin folder

```
sudo nano /sbin/MailMysqlDatabaseEncrypted.sh
```

```
#!/bin/bash
DATE=`date +%F-%R`;
BZFILE=/tmp/$DATE.sql.bz2;
GPGFILE=$BZFILE.gpg;
mysqldump -u root -p password --all-databases | bzip2 -c --best > $BZFILE;
gpg --encrypt -r me@example.com $BZFILE;
echo 'MySQL backup' | mutt -a $GPGFILE \
-s '[backup] MySQL backup' self@gmail.com
rm $GPGFILE;
```

Explaining above script

1. date variable is created.
2. filepath for sql dump

3. encrypted mysql dump
4. mysqldump exports all contents from every database and bzip compresses and finally data is exported to filepath.
5. file is encrypted with gpg key
6. mutt is email client that sends the file. Options -a is attachment and -s is subject. Finally email address where mysql dump is send.
7. remove encrypted mysql dump

Manual method to test that the script is actually working.

```
sh /sbin/MailMysqlDatabaseEncrypted.sh
```

Save as cronjob after confirming that the script works.

```
sudo crontab -e  
@daily sh /sbin/MailMysqlDatabaseEncrypted.sh
```

4.5 FTP backup with scheduling and web user interface

Another great application is phpmybackuppro (<http://www.phpmybackuppro.net>) that has practical and easy to use web interface. With this it's very easy to do scheduled backups to a ftp server. It's also possible to email selected databases to a email address. Also folders can be backed up so the precious php files are in safe also.

PhpMyBackupPro is easy to install. Put whole folder into a public_html folder on the server expect global config php file and export folder. For security reasons those files shouldn't be accessed from web as config file contains mysql database password and export file contains mysql database backups.

5. References

Books:

Beginning PHP5, Apache and MySQL Web Development

Mastering phpMyAdmin For Effective MySQL Management, 3rd Edition

Creating Your MySQL Database - Practical Design Tips and Techniques

PHP&MySQL - Teoriasta käytäntöön (Kauko Kolehmainen, readme.fi)

Websites:

<http://dev.mysql.com/tech-resources/articles/mysql-storedprocedures.pdf>

<http://www.securiteam.com/securityreviews/5DP0N1P76E.html>

<http://fi2.php.net/manual/en/book.mysqli.php>

<http://dev.mysql.com/doc/>

<http://www.securityfocus.com/infocus/1818>

6. Appendix A

6.1 Triggers

6.1.1 Increase equipment's total use

6.1.1.1 Purpose of the trigger.

When a new exercise is added, exercise distance is added to owned equipment's total use. This way we can keep track on how much the equipment is used and when it's a time to get a new equipment.

```
DELIMITER $$
CREATE TRIGGER total_use_update
AFTER INSERT ON T_Exercises
FOR EACH ROW BEGIN
UPDATE T_Owns
SET TotalUse = TotalUse + NEW.Distance
WHERE Person=NEW.Person AND EquipmentBrand=NEW.EquipmentBrand AND
EquipmentModel=NEW.EquipmentModel;
END;
$$
DELIMITER ;
```

7. Appendix B

7.1 Stored procedures

7.1.1 List of stored procedures

Database	Procedure
registration	CheckAdminLogin
registration	CheckUserLogin
registration	CreateAccount
registration	DeleteAccount
registration	DeleteAccountById
registration	GetAccount
registration	GetAllUserInfo
registration	IsAccount
registration	ListUsers
registration	UpdateAccount
registration	UpdateWholeAccount
registration	UpdateWholeAccount_ExceptPass
sportlog	DeleteCoach
sportlog	DeleteEquipment
sportlog	DeleteExercise
sportlog	DeleteOwnedEquipment
sportlog	DeletePerson
sportlog	DeletePersonalCoach
sportlog	DeleteSport
sportlog	DeleteTeam
sportlog	EditCoach
sportlog	EditEquipment
sportlog	EditExercise
sportlog	EditGuestTeam
sportlog	EditHomeTeam
sportlog	EditMatch
sportlog	EditOwnedEquipment
sportlog	EditPerson
sportlog	EditPersonalCoach
sportlog	EditSport
sportlog	EditTeam
sportlog	GetAllCoachInfo

sportlog	GetAllCoachInfo_OneCoach
sportlog	GetAllEquipmentInfo
sportlog	GetAllOwnedEquipment
sportlog	GetAllPersonInfo
sportlog	GetAllSportInfo
sportlog	GetAllTeamInfo
sportlog	GetCoach
sportlog	GetCoaches
sportlog	GetEquipment
sportlog	GetEquipmentBrands
sportlog	GetEquipmentWithSpecificSport
sportlog	GetExercise
sportlog	GetExercises
sportlog	GetExercises_OneAthlete
sportlog	GetExerciseWithSpecificSport
sportlog	GetGuestTeam
sportlog	GetHomeTeam
sportlog	GetMatch
sportlog	GetMatches
sportlog	GetMatchesWithSpecificSport
sportlog	GetOnePersonInfo
sportlog	GetOneSportInfo
sportlog	GetOwnedEquipment
sportlog	GetOwnedEquipmentBrands
sportlog	GetOwnedEquipmentModelsByBrand
sportlog	GetPerson
sportlog	GetPersonalCoaches
sportlog	GetPersonalCoaches_OnePerson
sportlog	GetPersons
sportlog	GetSpecificEquipmentModels
sportlog	GetSpecificOwnedEquipment
sportlog	GetSports
sportlog	GetTeamInfo
sportlog	GetTeams
sportlog	GetTotalDistanceAndDuration
sportlog	GetTotalDistanceAndDurationByPerson
sportlog	GetTotalDistanceByPerson
sportlog	GetTotalDistanceByPersonAndSport

sportlog	InsertCoach
sportlog	InsertEquipment
sportlog	InsertExercise
sportlog	InsertGuestTeam
sportlog	InsertHomeTeam
sportlog	InsertMatch
sportlog	InsertOwnedEquipment
sportlog	InsertPerson
sportlog	InsertPersonalCoach
sportlog	InsertSport
sportlog	InsertTeam
sportlog	IsCoach
sportlog	IsEquipment
sportlog	IsExercise
sportlog	IsMatch
sportlog	IsOwnedEquipment
sportlog	IsPerson
sportlog	IsPersonalCoach
sportlog	IsSport
sportlog	IsTeam

7.1.2 Source code

7.1.2.1 Registration database stored procedures

//get admin's first and last name from registration database's admin table if record is found
//with the same parameters.

```
CREATE PROCEDURE `registration`.`CheckAdminLogin` (user VARCHAR(50), pass
VARCHAR(255))
    SELECT first_name,last_name FROM admin
    WHERE username=user AND password=pass;
```

//get users's first and last name from registration database's user_info table if record is
//found with the same parameters.

```
CREATE PROCEDURE `registration`.`CheckUserLogin` (user VARCHAR(50), pass
VARCHAR(255))
    SELECT first_name,last_name FROM user_info
    WHERE username=user AND password=pass;
```

//creates user account by inserting user name, password, first name, last name and email
//address to registration database's user_info table.

```
CREATE PROCEDURE `registration`.`CreateAccount` (user VARCHAR(50), pass
VARCHAR(255), first_name2 VARCHAR(50), last_name2 VARCHAR(50), email2 VARCHAR(50))
    INSERT INTO user_info (`username`, `password`, `first_name`, `last_name`,
`email`)
    VALUES (user, pass, first_name2, last_name2, email2);
```

//deletes user account if user name and password parameters match.

```
CREATE PROCEDURE `registration`.`DeleteAccount` (user VARCHAR(50), pass
VARCHAR(255))
  DELETE FROM user_info
  WHERE username=user AND password=pass;
```

//deletes user account that matches parameter id.

```
CREATE PROCEDURE `registration`.`DeleteAccountById` (user_id INT(10))
  DELETE FROM user_info
  WHERE id=user_id;
```

//get all user account info by using id parameter.

```
CREATE PROCEDURE `registration`.`GetAccount` (user_id INT(10))
  SELECT * FROM user_info
  WHERE id=user_id;
```

//get all user account info by using user name and password parameters.

```
CREATE PROCEDURE `registration`.`GetAllUserInfo` (user VARCHAR(50), pass
VARCHAR(255))
  SELECT * FROM user_info
  WHERE username=user AND password=pass;
```

//checks if user account is found with same user name.

```
CREATE PROCEDURE `registration`.`IsAccount` (user VARCHAR(50))
  SELECT `username` FROM user_info
  WHERE `username`=user;
```

//lists all user accounts ordered by last name.

```
CREATE PROCEDURE `registration`.`ListUsers`()
  SELECT first_name, last_name, id FROM user_info
  ORDER BY last_name;
```

//updates user account's email address.

```
CREATE PROCEDURE `registration`.`UpdateAccount` (email2 VARCHAR(50), user
VARCHAR(50), pass VARCHAR(255))
  UPDATE user_info SET email=email2
  WHERE username=user AND password=pass;
```

//updates all user account info.

```
CREATE PROCEDURE `registration`.`UpdateWholeAccount` (user VARCHAR(50), pass
VARCHAR(255), first_name2 VARCHAR(50), last_name2 VARCHAR(50), email2 VARCHAR(50),
id2 INT(10))
  UPDATE user_info SET username=user, password=pass, first_name=first_name2,
last_name=last_name2, email=email2
  WHERE id=id2;
```

//updates all user account info excepts password.

```
CREATE PROCEDURE `registration`.`UpdateWholeAccount_ExceptPass` (user VARCHAR(50),
first_name2 VARCHAR(50), last_name2 VARCHAR(50), email2 VARCHAR(50), id2 INT(10))
  UPDATE user_info SET username=user, first_name=first_name2, last_name=last_name2,
email=email2
  WHERE id=id2;
```

7.1.2.2 Sportlog database stored procedures

//deletes coach.

```
CREATE PROCEDURE `sportlog`.`DeleteCoach` (coach2 VARCHAR(50))
  DELETE FROM T_Coach
```

```
WHERE Coach=coach2;
```

//deletes equipment by using brand name and model name parameters.

```
CREATE PROCEDURE `sportlog`.`DeleteEquipment` (brand2 VARCHAR(50), model2
VARCHAR(50), sport2 VARCHAR(50))
DELETE FROM T_Equipment
WHERE Brand=brand2 AND Model=model2 AND Sport=sport2;
```

//deletes exercise by using person, date and time parameters.

```
CREATE PROCEDURE `sportlog`.`DeleteExercise` (person2 VARCHAR(50), date2 DATE, time2
TIME)
DELETE FROM T_Exercises
WHERE Person=person2 AND ExerciseDate=date2 AND ExerciseTime=time2;
```

//deletes user owned equipment by using person, brand and model parameters.

```
CREATE PROCEDURE `sportlog`.`DeleteOwnedEquipment` (person2 VARCHAR(50), brand2
VARCHAR(50), model2 VARCHAR(50))
DELETE FROM T_Owns
WHERE Person=person2 AND EquipmentBrand=brand2 AND EquipmentModel=model2;
```

//deletes person/athlete.

```
CREATE PROCEDURE `sportlog`.`DeletePerson` (person2 VARCHAR(50))
DELETE FROM T_Person
WHERE Person=person2;
```

//deletes personal coach.

```
CREATE PROCEDURE `sportlog`.`DeletePersonalCoach` (coach2 VARCHAR(50), person2
VARCHAR(50))
DELETE FROM T_Coaches
WHERE Coach=coach2 AND Person=person2;
```

//deletes sport.

```
CREATE PROCEDURE `sportlog`.`DeleteSport` (sport2 VARCHAR(50))
DELETE FROM T_Sport
WHERE Sport=sport2;
```

//deletes team.

```
CREATE PROCEDURE `sportlog`.`DeleteTeam` (team2 VARCHAR(50))
DELETE FROM T_Team
WHERE Team=team2;
```

//edits all coach information.

```
CREATE PROCEDURE `sportlog`.`EditCoach` (coach_edit VARCHAR(50), coach2 VARCHAR(50),
tel2 VARCHAR(50), team2 VARCHAR(50))
UPDATE T_Coach SET Coach=coach2, Tel=tel2, Team=team2
WHERE Coach=coach_edit;
```

**//edits all equipment information by defining editable equipment brand and model as
//parameters and then all equipment info that will replace old.**

```
CREATE PROCEDURE `sportlog`.`EditEquipment` (brand_edit VARCHAR(50), model_edit
VARCHAR(50),
brand2 VARCHAR(50), model2 VARCHAR(50), sport2 VARCHAR(50), notes2 VARCHAR(500))
UPDATE T_Equipment SET Brand=brand2, Model=model2, Sport=sport2,
Notes=notes2
WHERE Brand=brand_edit AND Model=model_edit;
```

//edits exercise.

```
CREATE PROCEDURE `sportlog`.`EditExercise` (person_edit VARCHAR(50), date_edit DATE,
time_edit TIME, person2 VARCHAR(50), date2 DATE, time2 TIME, sport2 VARCHAR(50),
```

```

location2 VARCHAR(50), distance2 DECIMAL(5,2), duration2 TIME, calories2
SMALLINT(4), avghr2 SMALLINT(3), temp2 SMALLINT(3), brand2 VARCHAR(50), model2
VARCHAR(50), notes2 VARCHAR(1000))
    UPDATE T_Exercises SET Person=person2, ExerciseDate=date2, ExerciseTime=time2,
Sport=sport2, Location=location2, Distance=distance2,
Duration=duration2, Calories=calories2, AvgHR=avghr2, Temperature=temp2,
EquipmentBrand=brand2, EquipmentModel=model2, Notes=notes2
    WHERE Person=person_edit AND ExerciseDate=date_edit AND ExerciseTime=time_edit;

```

//edits guest team.

```

CREATE PROCEDURE `sportlog`.`EditGuestTeam` (team_edit VARCHAR(50), match_edit
VARCHAR(50), date_edit DATE, team2 VARCHAR(50), match2 VARCHAR(50), date2 DATE)
    UPDATE T_GuestTeam SET `Team`=team2, `Match`=match2, `MatchDate`=date2
    WHERE `Team`=team_edit AND `Match`=match_edit AND `MatchDate`=date_edit;

```

//edits home team.

```

CREATE PROCEDURE `sportlog`.`EditHomeTeam` (team_edit VARCHAR(50), match_edit
VARCHAR(50),
    date_edit DATE, team2 VARCHAR(50), match2 VARCHAR(50), date2 DATE)
    UPDATE T_HomeTeam SET `Team`=team2, `Match`=match2, `MatchDate`=date2
    WHERE `Team`=team_edit AND `Match`=match_edit AND `MatchDate`=date_edit;

```

//edits match.

```

CREATE PROCEDURE `sportlog`.`EditMatch` (match_edit VARCHAR(50), date_edit DATE,
match2 VARCHAR(50), date2 DATE, time2 TIME, sport2 VARCHAR(50), city2 VARCHAR(50),
country2 VARCHAR(50), place2 VARCHAR(50), description2 VARCHAR(500))
    UPDATE T_Match SET `Match`=match2, `MatchDate`=date2, `MatchTime`=time2,
`Sport`=sport2, `City`=city2, `Country`=country2, `Place`=place2,
`Description`=description2
    WHERE `Match`=match_edit AND `MatchDate`=date_edit;

```

//edits owned equipment.

```

CREATE PROCEDURE `sportlog`.`EditOwnedEquipment` (person_edit VARCHAR(50),
brand_edit VARCHAR(50), model_edit VARCHAR(50),
person2 VARCHAR(50), brand2 VARCHAR(50), model2 VARCHAR(50), total_use2
DECIMAL(8,2), expected_lifetime2 DECIMAL(8,2), notes2 VARCHAR(500))
    UPDATE T_Owns SET Person=person2, EquipmentBrand=brand2, EquipmentModel=model2,
TotalUse=total_use2, ExpectedLifeTime=expected_lifetime2, Notes=notes2
    WHERE Person=person_edit AND EquipmentBrand=brand_edit AND
EquipmentModel=model_edit;

```

//edits person/athlete.

```

CREATE PROCEDURE `sportlog`.`EditPerson` (person_to_edit VARCHAR(50), person2
VARCHAR(50), weight2 DECIMAL(4,1), height2 DECIMAL(4,1), birthdate2 DATE,
restinghr2 SMALLINT(3), maxhr2 SMALLINT(3), bloodpresssys2 SMALLINT(3),
bloodpresdias2 SMALLINT(3),
team2 VARCHAR(50))
    UPDATE T_Person SET Person=person2, Weight=weight2, Height=height2,
BirthDate=birthdate2, RestingHR=restinghr2, MaxHR=maxhr2,
BloodPressureSystolic=bloodpresssys2, BloodPressureDiastolic=bloodpresdias2,
Team=team2
    WHERE Person=person_to_edit;

```

//edits personal coach.

```

CREATE PROCEDURE `sportlog`.`EditPersonalCoach` (person_edit VARCHAR(50), coach_edit
VARCHAR(50), person2 VARCHAR(50), coach2 VARCHAR(50))
    UPDATE T_Coaches SET Person=person2, Coach=coach2
    WHERE Person=person_edit AND Coach=coach_edit;

```

//edits sport.

```
CREATE PROCEDURE `sportlog`.`EditSport` (sport_edit VARCHAR(50),  
sport2 VARCHAR(50), description2 VARCHAR(50))  
    UPDATE T_Sport SET Sport=sport2, Description=description2  
    WHERE Sport=sport_edit;
```

//edits team.

```
CREATE PROCEDURE `sportlog`.`EditTeam` (team_edit VARCHAR(50), team2 VARCHAR(50),  
city2 VARCHAR(50), country2 VARCHAR(50))  
    UPDATE T_Team SET Team=team2, City=city2, Country=country2  
    WHERE Team=team_edit;
```

//get all information of coaches.

```
CREATE PROCEDURE `sportlog`.`GetAllCoachInfo`()  
    SELECT * FROM T_Coach;
```

//get all information of selected coach defined in a parameter.

```
CREATE PROCEDURE `sportlog`.`GetAllCoachInfo_OneCoach` (coach2 VARCHAR(50))  
    SELECT * FROM T_Coach WHERE Coach=coach2;
```

//get all information of equipment.

```
CREATE PROCEDURE `sportlog`.`GetAllEquipmentInfo`()  
    SELECT * FROM T_Equipment;
```

//get all information of owned equipment.

```
CREATE PROCEDURE `sportlog`.`GetAllOwnedEquipment`()  
    SELECT * FROM T_Owns;
```

//get all information about all persons/athletes.

```
CREATE PROCEDURE `sportlog`.`GetAllPersonInfo`()  
    SELECT Person, Weight, Height, BirthDate AS Birthdate,  
RestingHR AS RestHR, MaxHR, BloodPressureSystolic  
AS "Blood Pressure Systolic", BloodPressureDiastolic  
AS "Blood Pressure Diastolic", Team  
    FROM T_Person;
```

//get all information about sports.

```
CREATE PROCEDURE `sportlog`.`GetAllSportInfo`()  
    SELECT * FROM T_Sport;
```

//get all information about teams.

```
CREATE PROCEDURE `sportlog`.`GetAllTeamInfo`()  
    SELECT * FROM T_Team;
```

//get all information about selected coach.

```
CREATE PROCEDURE `sportlog`.`GetCoach` (coach2 VARCHAR(50))  
    SELECT * FROM T_Coach  
    WHERE Coach=coach2;
```

//get all coach names.

```
CREATE PROCEDURE `sportlog`.`GetCoaches`()  
    SELECT Coach FROM T_Coach;
```

//get all information about selected equipment.

```
CREATE PROCEDURE `sportlog`.`GetEquipment` (brand2 VARCHAR(50), model2 VARCHAR(50))  
    SELECT * FROM T_Equipment  
    WHERE Brand=brand2 AND Model=model2;
```

//get all equipment brand names listing only one instance of same equipment brand.

```
CREATE PROCEDURE `sportlog`.`GetEquipmentBrands`()
```



```
SELECT DISTINCT Brand FROM T_Equipment;
```

//get all information about equipments that are used in specific sport given as parameter.

```
CREATE PROCEDURE `sportlog`.`GetEquipmentWithSpecificSport` (sport2 VARCHAR(50))
  SELECT * FROM T_Equipment
  WHERE Sport=sport2;
```

//get specific exercise information by giving person, date and time as parameters.

```
CREATE PROCEDURE `sportlog`.`GetExercise` (person2 VARCHAR(50), date2 DATE, time2
TIME)
  SELECT Person, ExerciseDate AS "Exercise Date", ExerciseTime AS "Exercise Time",
  Sport, Location, Distance, Duration, Calories, AvgHR, Temperature AS "Temp",
  EquipmentBrand AS "Equipment Brand", EquipmentModel AS "Equipment Model", Notes
  FROM T_Exercises
  WHERE Person=person2 AND ExerciseDate=date2 AND ExerciseTime=time2;
```

//get all information about exercises.

```
CREATE PROCEDURE `sportlog`.`GetExercises`()
  SELECT Person, ExerciseDate AS "Exercise Date", ExerciseTime AS "Exercise Time",
  Sport, Location, Distance, Duration, Calories, AvgHR, Temperature AS "Temp",
  EquipmentBrand AS "Equipment Brand", EquipmentModel AS "Equipment Model", Notes
  FROM T_Exercises;
```

//get exercises by athlete defined as parameter.

```
CREATE PROCEDURE `sportlog`.`GetExercises_OneAthlete` (person2 VARCHAR(50))
  SELECT Person, ExerciseDate AS "Exercise Date", ExerciseTime AS "Exercise Time",
  Sport, Location, Distance, Duration, Calories, AvgHR, Temperature AS "Temp",
  EquipmentBrand AS "Equipment Brand", EquipmentModel AS "Equipment Model", Notes
  FROM T_Exercises
  WHERE Person=person2;
```

//get specific sport exercises. Sport is defined as parameter.

```
CREATE PROCEDURE `sportlog`.`GetExerciseWithSpecificSport` (sport2 VARCHAR(50))
  SELECT * FROM T_Exercises
  WHERE Sport=sport2;
```

//get guest team for a match by giving match name and date as parameters.

```
CREATE PROCEDURE `sportlog`.`GetGuestTeam` (match2 VARCHAR(50), date2 DATE)
  SELECT Team FROM T_GuestTeam
  WHERE `Match`=match2 AND `MatchDate`=date2;
```

//get home team for a match by giving match name and date as parameters.

```
CREATE PROCEDURE `sportlog`.`GetHomeTeam` (match2 VARCHAR(50), date2 DATE)
  SELECT Team FROM T_HomeTeam
  WHERE `Match`=match2 AND `MatchDate`=date2;
```

//get all match information by giving match name and date as parameters.

```
CREATE PROCEDURE `sportlog`.`GetMatch` (match_edit VARCHAR(50), date_edit
VARCHAR(50))
  SELECT * FROM T_Match
  WHERE `Match`=match_edit AND `MatchDate`=date_edit;
```

//get all matches and list also home and guest team.

**//procedure gets data from three different tables. Right home and guest team are found for
//a specific match by comparing match name and date in home and guest team tables to
//one's in match table.**

```
CREATE PROCEDURE `sportlog`.`GetMatches`()
  SELECT T_Match.Match, T_Match.MatchDate AS "Date", T_Match.MatchTime AS "Start
Time", T_HomeTeam.Team AS "Home Team", T_GuestTeam.Team AS "Guest Team",
```

```
T_Match.Sport, T_Match.City, T_Match.Country, T_Match.Place, T_Match.Description
FROM T_Match, T_HomeTeam, T_GuestTeam
WHERE T_Match.Match = T_HomeTeam.Match
AND T_Match.MatchDate = T_HomeTeam.MatchDate
AND T_Match.Match = T_GuestTeam.Match
AND T_Match.MatchDate = T_GuestTeam.MatchDate;
```

//get all matches with specific sport defined as parameter.

```
CREATE PROCEDURE `sportlog`.`GetMatchesWithSpecificSport` (sport2 VARCHAR(50))
SELECT * FROM T_Match
WHERE Sport=sport2;
```

//get all person/athlete information about one person defined as parameter.

```
CREATE PROCEDURE `sportlog`.`GetOnePersonInfo` (person2 VARCHAR(50))
SELECT Person, Weight, Height, BirthDate AS Birthdate,
RestingHR AS RestHR, MaxHR, BloodPressureSystolic
AS "Blood Pressure Systolic", BloodPressureDiastolic
AS "Blood Pressure Diastolic", Team FROM T_Person
WHERE `Person`=person2;
```

//get all information about sport given as parameter.

```
CREATE PROCEDURE `sportlog`.`GetOneSportInfo` (sport2 VARCHAR(50))
SELECT * FROM T_Sport
WHERE Sport=sport2;
```

//get all equipment owned by person given as parameter.

```
CREATE PROCEDURE `sportlog`.`GetOwnedEquipment` (owned_by VARCHAR(50))
SELECT * FROM T_Owns
WHERE Person=owned_by;
```

//get all equipment brand names that user person given as parameter has.

```
CREATE PROCEDURE `sportlog`.`GetOwnedEquipmentBrands` (person2 VARCHAR(50))
SELECT DISTINCT EquipmentBrand FROM T_Owns
WHERE Person=person2;
```

// get all equipment model names that user person given as parameter has

```
CREATE PROCEDURE `sportlog`.`GetOwnedEquipmentModelsByBrand` (person2 VARCHAR(50),
brand2 VARCHAR(50))
SELECT EquipmentModel FROM T_Owns
WHERE Person=person2 AND EquipmentBrand=brand2;
```

//checks if the person given as parameter if found from the database.

```
CREATE PROCEDURE `sportlog`.`GetPerson` (person2 VARCHAR(50))
SELECT Person FROM T_Person
WHERE Person=person2;
```

//get all personal coaches.

```
CREATE PROCEDURE `sportlog`.`GetPersonalCoaches` ()
SELECT * FROM T_Coaches;
```

//get all personal coaches that trains person given as parameter.

```
CREATE PROCEDURE `sportlog`.`GetPersonalCoaches_OnePerson` (person2 VARCHAR(50))
SELECT * FROM T_Coaches
WHERE `Person`=person2;
```

//get all person names.

```
CREATE PROCEDURE `sportlog`.`GetPersons` ()
SELECT Person FROM T_Person;
```

//get all equipment model names from a brand given as parameter.

```
CREATE PROCEDURE `sportlog`.`GetSpecificEquipmentModels` (from_brand VARCHAR(50))
  SELECT Model FROM T_Equipment
  WHERE Brand=from_brand;
```

**//get all information of specific athlete owned equipment. Person name, brand and model
//are given as parameters.**

```
CREATE PROCEDURE `sportlog`.`GetSpecificOwnedEquipment` (person2 VARCHAR(50), brand2
VARCHAR(50), model2 VARCHAR(50))
  SELECT * FROM T_Owns
  WHERE Person=person2 AND EquipmentBrand=brand2 AND EquipmentModel=model2;
```

//get all sport names.

```
CREATE PROCEDURE `sportlog`.`GetSports` ()
  SELECT Sport FROM T_Sport;
```

//get all information about specific team given as parameter.

```
CREATE PROCEDURE `sportlog`.`GetTeamInfo` (team2 VARCHAR(50))
  SELECT * FROM T_Team
  WHERE Team=team2;
```

//get all team names.

```
CREATE PROCEDURE `sportlog`.`GetTeams` ()
  SELECT Team FROM T_Team;
```

**//get distance and duration sum of all athlete exercises and categorise by each sport
//and order by descending distance.**

```
CREATE PROCEDURE `sportlog`.`GetTotalDistanceAndDuration` ()
  SELECT Sport, SUM(Distance) AS 'Total_Distance', TIME(SUM(Duration)) AS
'Total_Duration'
  FROM T_Exercises
  GROUP BY Sport
  ORDER BY Total_Distance DESC;
```

**//get distance and duration sum of selected athlete's exercises and categorise by each sport
//and order by descending distance.**

```
CREATE PROCEDURE `sportlog`.`GetTotalDistanceAndDurationByPerson` (person2
VARCHAR(50))
  SELECT Person, Sport, SUM(Distance) AS "Total Distance", TIME(SUM(Duration))
AS "Total Duration"
  FROM T_Exercises
  WHERE Person=person2
  GROUP BY Sport;
```

//get total distance travelled by one athlete. All exercise distances are counted.

```
CREATE PROCEDURE `sportlog`.`GetTotalDistanceByPerson` (person2 VARCHAR(50))
  SELECT Person, Sport, SUM(Distance) AS "Total Distance" FROM T_Exercises
  WHERE Person="Janne Juoksija"
  GROUP BY Sport;
```

//get total distance travelled by one athlete in specific sport.

```
CREATE PROCEDURE `sportlog`.`GetTotalDistanceByPersonAndSport` (person2 VARCHAR(50),
sport2 VARCHAR(50))
  SELECT Person, Sport, SUM(Distance) AS "Total Distance" FROM T_Exercises
  WHERE Person=person2 AND Sport=sport2;
```

//adds new coach.

```
CREATE PROCEDURE `sportlog`.`InsertCoach` (coach2 VARCHAR(50), tel2 VARCHAR(20),
team2 VARCHAR(50))
```

```
INSERT INTO T_Coach (`Coach`, `Tel`, `Team`) VALUES (coach2, tel2, team2);
```

//adds new equipment.

```
CREATE PROCEDURE `sportlog`.`InsertEquipment` (brand2 VARCHAR(50), model2
VARCHAR(50), sport2 VARCHAR(50), notes2 VARCHAR(500))
INSERT INTO T_Equipment (`Brand`, `Model`, `Sport`, `Notes`) VALUES (brand2,
model2, sport2, notes2);
```

//adds new exercise.

```
CREATE PROCEDURE `sportlog`.`InsertExercise` (person2 VARCHAR(50), date2 DATE, time2
TIME, sport2 VARCHAR(50), location2 VARCHAR(50), distance2 DECIMAL(5,2), duration2
TIME, calories2 SMALLINT(4), avghr2 SMALLINT(3), temperature2 SMALLINT(3),
equipmentbrand2 VARCHAR(50), equipmentmodel2 VARCHAR(50), notes2 VARCHAR(500))
INSERT INTO T_Exercises (`Person`, `ExerciseDate`, `ExerciseTime`, `Sport`,
`Location`, `Distance`, `Duration`, `Calories`, `AvgHR`, `Temperature`,
`EquipmentBrand`, `EquipmentModel`, `Notes`) VALUES (person2, date2, time2, sport2,
location2, distance2, duration2, calories2, avghr2, temperature2, equipmentbrand2,
equipmentmodel2, notes2);
```

//adds new guest team.

```
CREATE PROCEDURE `sportlog`.`InsertGuestTeam` (team2 VARCHAR(50), match2
VARCHAR(50), matchdate2 DATE)
INSERT INTO T_GuestTeam (`Team`, `Match`, `MatchDate`) VALUES (team2, match2,
matchdate2);
```

//adds new home team.

```
CREATE PROCEDURE `sportlog`.`InsertHomeTeam` (team2 VARCHAR(50), match2 VARCHAR(50),
matchdate2 DATE)
INSERT INTO T_HomeTeam (`Team`, `Match`, `MatchDate`) VALUES (team2, match2,
matchdate2);
```

//adds new match.

```
CREATE PROCEDURE `sportlog`.`InsertMatch` (match2 VARCHAR(50), matchdate2 DATE,
matchtime2 TIME, sport2 VARCHAR(50), city2 VARCHAR(50), country2 VARCHAR(50),
place2 VARCHAR(50), description2 VARCHAR(500))
INSERT INTO T_Match VALUES (match2, matchdate2, matchtime2, sport2, city2,
country2, place2, description2);
```

//adds new owned equipment.

```
CREATE PROCEDURE `sportlog`.`InsertOwnedEquipment` (person2 VARCHAR(50), brand2
VARCHAR(50), model2 VARCHAR(50), total_use2 DECIMAL(8,2), expected_lifetime2
DECIMAL(8,2), notes2 VARCHAR(500))
INSERT INTO T_Owns (`Person`, `EquipmentBrand`, `EquipmentModel`, `TotalUse`,
`ExpectedLifeTime`, `Notes`) VALUES (person2, brand2, model2, total_use2,
expected_lifetime2, notes2);
```

//adds new person/athlete.

```
CREATE PROCEDURE `sportlog`.`InsertPerson` (person2 VARCHAR(50), weight2
DECIMAL(4,1), height2 DECIMAL(4,1), birthdate2 DATE, restinghr2 SMALLINT(3), maxhr2
SMALLINT(3), bloodpressuresystolic2 SMALLINT(3), bloodpressurediastolic2
SMALLINT(3), team2 VARCHAR(50))
INSERT INTO T_Person (`Person`, `Weight`, `Height`, `BirthDate`, `RestingHR`,
`MaxHR`, `BloodPressureSystolic`, `BloodPressureDiastolic`, `Team`) VALUES
(person2, weight2, height2, birthdate2, restinghr2, maxhr2, bloodpressuresystolic2,
bloodpressurediastolic2, team2);
```

//adds new personal coach.

```
CREATE PROCEDURE `sportlog`.`InsertPersonalCoach` (person2 VARCHAR(50), coach2
VARCHAR(50))
INSERT INTO T_Coaches (`Person`, `Coach`) VALUES (person2, coach2);
```

//adds new sport.

```
CREATE PROCEDURE `sportlog`.`InsertSport` (sport2 VARCHAR(50), description2
VARCHAR(500))
  INSERT INTO T_Sport (`Sport`, `Description`) VALUES (sport2, description2);
```

//adds new team.

```
CREATE PROCEDURE `sportlog`.`InsertTeam` (team2 VARCHAR(50), city2 VARCHAR(50),
country2 VARCHAR(50))
  INSERT INTO T_TEAM SET Team=team2, City=city2, Country=country2;
```

//checks if the coach is found from the database.

```
CREATE PROCEDURE `sportlog`.`IsCoach` (coach2 VARCHAR(50))
  SELECT `Coach` FROM T_Coach
  WHERE `Coach`=coach2;
```

//checks if the equipment is found from the database.

```
CREATE PROCEDURE `sportlog`.`IsEquipment` (brand2 VARCHAR(50), model2 VARCHAR(50))
  SELECT `Brand`, `Model` FROM T_Equipment
  WHERE `Brand`=brand2 AND `Model`=model2;
```

//checks if the exercise is found from the database.

```
CREATE PROCEDURE `sportlog`.`IsExercise` (person2 VARCHAR(50), date DATE, time TIME)
  SELECT `Person`, `ExerciseDate`, `ExerciseTime` FROM T_Exercises
  WHERE `Person`=person2 AND `ExerciseDate`=date AND `ExerciseTime`=time;
```

//checks if the match is found from the database.

```
CREATE PROCEDURE `sportlog`.`IsMatch` (match2 VARCHAR(50), matchdate2 DATE)
  SELECT `Match`, `MatchDate` FROM T_Match
  WHERE `Match`=match2 AND `MatchDate`=matchdate2;
```

//checks if the owned equipment is found from the database.

```
CREATE PROCEDURE `sportlog`.`IsOwnedEquipment` (person2 VARCHAR(50), brand2
VARCHAR(50), model2 VARCHAR(50))
  SELECT * FROM T_Owns
  WHERE `Person`=person2 AND `EquipmentBrand`=brand2 AND `EquipmentModel`=model2;
```

//checks if the person is found from the database.

```
CREATE PROCEDURE `sportlog`.`IsPerson` (person2 VARCHAR(50))
  SELECT `Person` FROM T_Person
  WHERE `Person`=person2;
```

//checks if the personal coach is found from the database.

```
CREATE PROCEDURE `sportlog`.`IsPersonalCoach` (person2 VARCHAR(50), coach2
VARCHAR(50))
  SELECT `Person`, `Coach` FROM T_Coaches
  WHERE `Person`=person2 AND `Coach`=coach2;
```

//checks if the sport is found from the database.

```
CREATE PROCEDURE `sportlog`.`IsSport` (sport2 VARCHAR(50))
  SELECT `Sport` FROM T_Sport
  WHERE `Sport`=sport2;
```

//checks if the team is found from the database.

```
CREATE PROCEDURE `sportlog`.`IsTeam` (team2 VARCHAR(50))
  SELECT Team FROM T_Team
  WHERE Team=team2;
```

7.1.2.3 Registration database grants

```
GRANT EXECUTE ON PROCEDURE `registration`.`CheckAdminLogin` TO  
`login_checker`@`localhost`;  
  
GRANT EXECUTE ON PROCEDURE `registration`.`CheckUserLogin` TO  
`login_checker`@`localhost`;  
  
GRANT EXECUTE ON PROCEDURE `registration`.`ListUsers` TO `reg`@`localhost`;  
  
GRANT EXECUTE ON PROCEDURE `registration`.`GetAllUserInfo` TO `reg`@`localhost`;  
  
GRANT EXECUTE ON PROCEDURE `registration`.`UpdateWholeAccount_ExceptPass` TO  
`reg`@`localhost`;  
  
GRANT EXECUTE ON PROCEDURE `registration`.`UpdateWholeAccount` TO  
`reg`@`localhost`;  
  
GRANT EXECUTE ON PROCEDURE `registration`.`UpdateAccount` TO `reg`@`localhost`;  
  
GRANT EXECUTE ON PROCEDURE `registration`.`CreateAccount` TO `reg`@`localhost`;  
  
GRANT EXECUTE ON PROCEDURE `registration`.`GetAccount` TO `reg`@`localhost`;  
  
GRANT EXECUTE ON PROCEDURE `registration`.`DeleteAccountById` TO `reg`@`localhost`;  
  
GRANT EXECUTE ON PROCEDURE `registration`.`DeleteAccount` TO `reg`@`localhost`;  
  
GRANT EXECUTE ON PROCEDURE `registration`.`IsAccount` TO `reg`@`localhost`;
```

7.1.2.4 Sportlog database grants

```
GRANT EXECUTE ON PROCEDURE `sportlog`.`DeleteCoach` TO `sportman`@`localhost`;  
  
GRANT EXECUTE ON PROCEDURE `sportlog`.`DeleteEquipment` TO `sportman`@`localhost`;  
  
GRANT EXECUTE ON PROCEDURE `sportlog`.`DeleteExercise` TO `sportman`@`localhost`;  
  
GRANT EXECUTE ON PROCEDURE `sportlog`.`DeletePerson` TO `sportman`@`localhost`;  
  
GRANT EXECUTE ON PROCEDURE `sportlog`.`DeletePersonalCoach` TO  
`sportman`@`localhost`;  
  
GRANT EXECUTE ON PROCEDURE `sportlog`.`DeleteSport` TO `sportman`@`localhost`;  
  
GRANT EXECUTE ON PROCEDURE `sportlog`.`DeleteTeam` TO `sportman`@`localhost`;  
  
GRANT EXECUTE ON PROCEDURE `sportlog`.`EditCoach` TO `sportman`@`localhost`;  
  
GRANT EXECUTE ON PROCEDURE `sportlog`.`EditEquipment` TO `sportman`@`localhost`;  
  
GRANT EXECUTE ON PROCEDURE `sportlog`.`EditExercise` TO `sportman`@`localhost`;  
  
GRANT EXECUTE ON PROCEDURE `sportlog`.`DeleteOwnedEquipment` TO  
`sportman`@`localhost`;  
  
GRANT EXECUTE ON PROCEDURE `sportlog`.`EditGuestTeam` TO `sportman`@`localhost`;  
  
GRANT EXECUTE ON PROCEDURE `sportlog`.`EditHomeTeam` TO `sportman`@`localhost`;
```

```
GRANT EXECUTE ON PROCEDURE `sportlog`.`EditMatch` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`EditOwnedEquipment` TO
`sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`EditPerson` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`EditPersonalCoach` TO
`sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`EditSport` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`EditTeam` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetAllCoachInfo` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetAllCoachInfo_OneCoach` TO
`sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetAllEquipmentInfo` TO
`sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetAllOwnedEquipment` TO
`sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetAllPersonInfo` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetAllSportInfo` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetAllTeamInfo` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetCoach` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetCoaches` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetEquipment` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetEquipmentBrands` TO
`sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetEquipmentWithSpecificSport` TO
`sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetExercise` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetExercises` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetExercises_OneAthlete` TO
`sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetExerciseWithSpecificSport` TO
`sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetGuestTeam` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetHomeTeam` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetMatch` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetMatches` TO `sportman`@`localhost`;
```

```
GRANT EXECUTE ON PROCEDURE `sportlog`.`GetMatchesWithSpecificSport` TO
`sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetOnePersonInfo` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetOneSportInfo` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetOwnedEquipment` TO
`sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetOwnedEquipmentBrands` TO
`sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetOwnedEquipmentModelsByBrand` TO
`sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetPeson` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetPersonalCoaches` TO
`sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetPersonalCoaches_OnePerson` TO
`sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetPersons` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetSpecificEquipmentModels` TO
`sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetSpecificOwnedEquipment` TO
`sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetSports` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetTeamInfo` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetTeams` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetTotalDistanceAndDuration` TO
`sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetTotalDistanceAndDurationByPerson` TO
`sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetTotalDistanceByPerson` TO
`sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`GetTotalDistanceByPersonAndSport` TO
`sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`InsertCoach` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`InsertEquipment` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`InsertExercise` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`InsertGuestTeam` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`InsertHomeTeam` TO `sportman`@`localhost`;
```



```
GRANT EXECUTE ON PROCEDURE `sportlog`.`InsertMatch` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`InsertOwnedEquipment` TO
`sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`InsertPerson` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`InsertPersonalCoach` TO
`sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`InsertSport` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`InsertTeam` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`IsCoach` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`IsEquipment` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`IsExercise` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`IsMatch` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`IsOwnedEquipment` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`IsPerson` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`IsPersonalCoach` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`IsSport` TO `sportman`@`localhost`;

GRANT EXECUTE ON PROCEDURE `sportlog`.`IsTeam` TO `sportman`@`localhost`;
```

8. Appendix C

8.1 Web site file listing

/var/www/sportlog/

add_athlete.php
add_coach.php
add_equipment.php
add_exercise_dropdown.js
add_exercise.php
add_match.php
add_owned_equipment.php
add_personal_coach.php
add_sport.php
add_team.php
auth_user.inc.php
backup.php
conn_auth.inc.php
conn_login_attempt.inc.php
conn_reg.inc.php
conn_sportlog.inc.php
delete_account.php
delete_athlete.php
delete_coach.php
delete_equipment.php
delete_exercise.php
delete_match.php
delete_owned_equipment.php
delete_personal_coach.php
delete_sport.php
delete_team.php
edit_athlete.php
edit_coach.php
edit_equipment.php
edit_exercise.php
edit_match.php
edit_owned_equipment.php
edit_personal_coach.php
edit_sport.php
edit_team.php
footer_login.php
footer.php
get_models.js
get_models.php
header_menu.php
header.php
header_show.php
index.php
info.php
logged_user.php
logout.php
menu.php

middle_login.php
middle.php
middle_register.php
person_brand_model_dropdown.php
register.php
reset_form.js
select_all_menu_option.php
select_athlete.php
show_all_athletes.php
show_all_exercises.php
show_all_owned_equipment.php
show_all_personal_coaches.php
show_athlete.php
show_coaches.php
show_coach.php
show_equipment.php
show_exercises.php
show_matches.php
show_owned_equipment.php
show_personal_coaches.php
show_selected_athlete.php
show_sport.php
show_sports.php
show_summary_all.php
show_summary.php
show_team.php
show_teams.php
update_account.php
user_login.php
user_personal.php

/var/www/sportlog/admin

admin_area.php
admin_login.php
auth_admin.inc.php
conn.inc.php
delete_user.php
footer_admin.php
header_admin.php
index.php
logged_admin.php
logout.php
middle_admin.php
update_user.php

/var/www/sportlog/css

menu.css
sportlog.css
sportlog_print.css
sportlog_wider.css
sportlog_wider_print.css

/var/www/sportlog/php_functions

EmailAddressValidator.php

redirect.php
stored_procedure_tools.php

/var/www/sportlog/pics

favicon.ico
sportlog_logo.png
title_bg_narrow2.png
title_bg_narrow.png

8.2 Web site source code

8.2.1 /var/www/sportlog/

8.2.1.1 add_athlete.php

```
<?php
ob_start();
include "../header.php";
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
include("../php_functions/redirect.php");
include("../php_functions/stored_procedure_tools.php");
print('<body onload="document.add_athlete.person.focus()">');
include "../middle.php";
//execute if submit button is pressed
if (isset($_POST['submit']) && $_POST['submit'] == "Submit") {
    //check that mandatory fields are not empty
    if (!empty($_POST['person'])) {

        $person = $mysqli->real_escape_string($_POST['person']);
        $person = "'$person'";

        $query = "CALL IsPerson($person) ";

        if($mysqli->multi_query($query)) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    $rows = $result->num_rows;
                    $result->close();
                }
            } while($mysqli->next_result());
        }

        //check if the chosen name is already taken
        if ($rows != 0) {

            <h2>Add new athlete</h2>
            <p>
                <b><i>Same athlete found from the database.<br />
                Please choose another.
            </i></b>
            </p>
            <form name="add_athlete" id="add_athlete"
                action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
                method="post" onreset="formReset(this); return false;" >
                <fieldset>
                    <label for="person">
                        Person:
                        <input type="text" name="person" id="person"
                            style="width:250px" /> *
                    </label>
                    <label for="weight">
                        Weight:
                        <input type="text" name="weight" id="weight"
                            value="<?php echo $_POST['weight']; ?>" />
                    </label>
                    <label for="height">
                        Height:
```

```

        <input type="text" name="height" id="height"
            value="<?php echo $_POST['height']; ?>" />
    </label>
    <label for="birthdate">
        Birthdate:
        <select name="month" id="month">
            <option value="<?php echo $_POST['month']; ?>">
                <?php echo $_POST['month']; ?></option>
            <option value="">month</option>
            <?php
                for ($i=1; $i<13; $i++) {
                    ?>
                    <option value="<?php echo $i; ?>"><?php echo $i; ?>
                    </option>
                    <?php
                }
            ?>
        </select>
        <select name="day" id="day">
            <option value="<?php echo $_POST['day']; ?>">
                <?php echo $_POST['day']; ?></option>
            <option value="">day</option>
            <?php
                for ($i=1; $i<32; $i++) {
                    ?>
                    <option value="<?php echo $i; ?>"><?php echo $i; ?>
                    </option>
                    <?php
                }
            ?>
        </select>
        <select name="year" id="year">
            <option value="<?php echo $_POST['year']; ?>">
                <?php echo $_POST['year']; ?></option>
            <option value="">year</option>
            <?php
                for ($i=1900; $i<=date('Y'); $i++) {
                    ?>
                    <option value="<?php echo $i; ?>"><?php echo $i; ?>
                    </option>
                    <?php
                }
            ?>
        </select>
    </label>
    <label for="rest_hr">
        Resting heartrate:
        <input type="text" name="rest_hr" id="rest_hr"
            value="<?php echo $_POST['rest_hr']; ?>" />
    </label>
    <label for="max_hr">
        Max heartrate:
        <input type="text" name="max_hr" id="max_hr"
            value="<?php echo $_POST['max_hr']; ?>" />
    </label>
    <label for="blood_pres_sys">
        Blood pressure systolic:
        <input type="text" name="blood_pres_sys" id="blood_pres_sys"
            value="<?php echo $_POST['blood_pres_sys']; ?>" />
    </label>
    <label for="blood_pres_dias">
        Blood pressure diastolic:
        <input type="text" name="blood_pres_dias" id="blood_pres_dias"
            value="<?php echo $_POST['blood_pres_dias']; ?>" />
    </label>
    <label for="team">
        Team:
        <select name="team" id="team">
            <option value="<?php echo $_POST['team']; ?>">
                <?php echo $_POST['team']; ?></option>
            <option value="">-----</option>
            <?php
                if($mysqli->multi_query('CALL GetTeams()')) {
                    do {
                        $result = $mysqli->store_result();
                        if($result) {
                            while ($row = $result->fetch_array()) {
                                ?>
                            }
                        }
                    } while ($result = $mysqli->store_result());
                }
            ?>
        </select>
    </label>

```

```

$<?php echo $row['Team']; ?>">
</option>

<?php
    }
    $result->close();
}
} while($mysqli->next_result());
}
?>
</select>
</label>
<div class="buttons">
    <input type="submit" name="submit" id="submit" value="Submit" />
    <input type="reset" value="Clear" />
</div>
<div class="req_fields_text">
    * Required fields
</div>
</fieldset>
</form>
<?php
} else {
    //create birthdate as date format if day, month and year is chosen.
    if (!empty($_POST['month']) && !empty($_POST['day'])
        && !empty($_POST['year'])) {
        $birthdate = $mysqli->real_escape_string($_POST['year']) . "-" .
            $mysqli->real_escape_string($_POST['month']) .
            "-" . $mysqli->real_escape_string($_POST['day']);
        $birthdate = "'$birthdate'";
    } else {
        $birthdate = "NULL";
    }

    //set fields to null if empty.
    //otherwise place post_variable as string.
    $weight = prepare_optional($mysqli->real_escape_string($_POST['weight']));
    $height = prepare_optional($mysqli->real_escape_string($_POST['height']));
    $rest_hr = prepare_optional($mysqli->real_escape_string($_POST['rest_hr']));
    $max_hr = prepare_optional($mysqli->real_escape_string($_POST['max_hr']));
    $blood_pres_sys = prepare_optional($mysqli->real_escape_string(
        $_POST['blood_pres_sys']));
    $blood_pres_dias = prepare_optional($mysqli->real_escape_string(
        $_POST['blood_pres_dias']));
    $team = prepare_optional($mysqli->real_escape_string($_POST['team']));

    $query = "CALL InsertPerson($person, $weight, $height,
        $birthdate, $rest_hr, $max_hr, $blood_pres_sys,
        $blood_pres_dias, $team)";

    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $result->close();
            }
        } while($mysqli->next_result());
    }

    redirect("./index.php", 301);
}
} else {
    ?>

    <h2>Add new athlete</h2>
    <p><b>The person name is required!</b></p>
    <form name="add_athlete" id="add_athlete"
        action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
        method="post" onreset="formReset(this); return false;">
    <fieldset>
        <label for="person">
            Person:
            <input type="text" name="person" id="person"
                style="width:250px" /> *
        </label>
        <label for="weight">
            Weight:
            <input type="text" name="weight" id="weight"

```

```

        value="<?php echo $_POST['weight']; ?>" />
</label>
<label for="height">
    Height:
    <input type="text" name="height" id="height"
        value="<?php echo $_POST['height']; ?>" />
</label>
<label for="birthdate">
    Birthdate:
    <select name="month" id="month">
        <option value="<?php echo $_POST['month']; ?>">
            <?php echo $_POST['month']; ?></option>
        <option value="">month</option>
        <?php
        for ($i=1; $i<13; $i++) {
            ?>
            <option value="<?php echo $i; ?>"><?php echo $i; ?>
            </option>
            <?php
        }
        ?>
    </select>
    <select name="day" id="day">
        <option value="<?php echo $_POST['day']; ?>">
            <?php echo $_POST['day']; ?></option>
        <option value="">day</option>
        <?php
        for ($i=1; $i<32; $i++) {
            ?>
            <option value="<?php echo $i; ?>"><?php echo $i; ?>
            </option>
            <?php
        }
        ?>
    </select>
    <select name="year" id="year">
        <option value="<?php echo $_POST['year']; ?>">
            <?php echo $_POST['year']; ?></option>
        <option value="">year</option>
        <?php
        for ($i=1900; $i<=date('Y'); $i++) {
            ?>
            <option value="<?php echo $i; ?>"><?php echo $i; ?>
            </option>
            <?php
        }
        ?>
    </select>
</label>
<label for="rest_hr">
    Resting heartrate:
    <input type="text" name="rest_hr" id="rest_hr"
        value="<?php echo $_POST['rest_hr']; ?>" />
</label>
<label for="max_hr">
    Max heartrate:
    <input type="text" name="max_hr" id="max_hr"
        value="<?php echo $_POST['max_hr']; ?>" />
</label>
<label for="blood_pres_sys">
    Blood pressure systolic:
    <input type="text" name="blood_pres_sys" id="blood_pres_sys"
        value="<?php echo $_POST['blood_pres_sys']; ?>" />
</label>
<label for="blood_pres_dias">
    Blood pressure diastolic:
    <input type="text" name="blood_pres_dias" id="blood_pres_dias"
        value="<?php echo $_POST['blood_pres_dias']; ?>" />
</label>
<label for="team">
    Team:
    <select name="team" id="team">
        <option value="<?php echo $_POST['team']; ?>">
            <?php echo $_POST['team']; ?></option>
        <option value="">-----</option>
        <?php
        if($mysqli->multi_query('CALL GetTeams()')) {
            do {

```

```

        $result = $mysqli->store_result();
        if($result) {
            while ($row = $result->fetch_array()) {
                ?>
                <option value="<?php echo $row['Team'];

                <?php echo $row['Team']; ?></option>

                <?php

            }
            $result->close();
        } while($mysqli->next_result());
    }
    ?>
</select>
</label>
<div class="buttons">
    <input type="submit" name="submit" id="submit" value="Submit" />
    <input type="reset" value="Clear" />
</div>
<div class="req_fields_text">
    * Required fields
</div>
</fieldset>
</form>

<?php
}
} else {
?>

<h2>Add new athlete</h2>
<form name="add_athlete" id="add_athlete"
    action="<?php echo $_SERVER['$PHP_SELF']; ?>"
    method="post" onreset="formReset(this); return false;">
    <fieldset>
        <label for="person">
            Person:
            <input type="text" name="person" id="person"
                style="width:250px" /> *
        </label>
        <label for="weight">
            Weight:
            <input type="text" name="weight" id="weight" />
        </label>
        <label for="height">
            Height:
            <input type="text" name="height" id="height" />
        </label>
        <label for="birthdate">
            Birthdate:
            <select name="month" id="month">
                <option value="">month</option>
                <?php
                for ($i=1; $i<13; $i++) {
                    ?>
                    <option value="<?php echo $i; ?>"><?php echo $i; ?></option>

                <?php
                }
                ?>
            </select>
            <select name="day" id="day">
                <option value="">day</option>
                <?php
                for ($i=1; $i<32; $i++) {
                    ?>
                    <option value="<?php echo $i; ?>"><?php echo $i; ?></option>

                <?php
                }
                ?>
            </select>
            <select name="year" id="year">
                <option value="">year</option>
                <?php
                for ($i=1900; $i<=date('Y'); $i++) {
                    ?>
                    <option value="<?php echo $i; ?>"><?php echo $i; ?></option>

```



```

        }
        ?>
    </select>
</label>
<label for="rest_hr">
    Resting heartrate:
    <input type="text" name="rest_hr" id="rest_hr" />
</label>
<label for="max_hr">
    Max heartrate:
    <input type="text" name="max_hr" id="max_hr" />
</label>
<label for="blood_pres_sys">
    Blood pressure systolic:
    <input type="text" name="blood_pres_sys" id="blood_pres_sys" />
</label>
<label for="blood_pres_dias">
    Blood pressure diastolic:
    <input type="text" name="blood_pres_dias" id="blood_pres_dias" />
</label>
<label for="team">
    Team:
    <select name="team" id="team">
        <option value="">-----</option>
        <?php
        if($mysqli->multi_query('CALL GetTeams()')) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    while ($row = $result->fetch_array()) {
                        ?>
                        <option value="<?php echo $row['Team']; ?>">
                        <?php echo $row['Team']; ?></option>
                        <?php
                    }
                    $result->close();
                }
            } while ($mysqli->next_result());
        }
        ?>
    </select>
</label>
<div class="buttons">
    <input type="submit" name="submit" id="submit" value="Submit" />
    <input type="reset" value="Clear" />
</div>
<div class="req_fields_text">
    * Required fields
</div>
</fieldset>
</form>
<?php
}
include("../footer.php");
$mysqli->close();
?>

```

8.2.1.2 add_coach.php

```

<?php
ob_start();
include "../header.php";
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
include("../php_functions/redirect.php");
include("../php_functions/stored_procedure_tools.php");
print('<body onload=document.add_coach.coach.focus()'>');
include "../middle.php";
//execute if submit button is pressed
if (isset($_POST['submit']) && $_POST['submit'] == "Submit") {
    //check that mandatory fields are not empty

```

```

if (!empty($_POST['coach']) && !empty($_POST['tel'])) {

    $coach = $mysqli->real_escape_string($_POST['coach']);

    $query = "CALL IsCoach('$coach') ";

    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $rows = $result->num_rows;
                $result->close();
            }
        } while($mysqli->next_result());
    }

    //check if the chosen coach is already in the database
    if ($rows != 0) {

        ?>

        <h2>Add new coach</h2>
        <p>
            <b><i>Same coach found from the database.<br />
            Please choose another.
            </i></b>
        </p>
        <form name="add_coach" id="add_coach"
            action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
            method="post" onreset="formReset(this); return false;">
            <fieldset>
                <label for="coach">
                    Coach:
                    <input type="text" name="coach" id="coach"
                        value="<?php echo $_POST['coach'] ?>"
                        style="width:250px" /> *
                </label>
                <label for="tel">
                    Tel:
                    <input type="text" name="tel" id="tel"
                        value="<?php echo $_POST['tel'] ?>"
                        style="width:200px" /> *
                </label>
                <label for="team">
                    Team:
                    <select name="team" id="tel">
                        <option value="<?php echo $_POST['team'] ?>">
                            <?php echo $_POST['team'] ?></option>
                        <option value="">Select</option>
                        <?php
                            if($mysqli->multi_query('CALL GetTeams()')) {
                                do {
                                    $result = $mysqli->store_result();
                                    if($result) {
                                        while ($row = $result->fetch_array()) {
                                            ?>
                                            <option value="<?php echo
                                                $row['Team']; ?>
                                            <?php echo $row['Team']; ?
                                            <?php
                                        }
                                    }
                                } while($mysqli->next_result());
                            }
                        </select>
                    </label>
                    <div class="buttons">
                        <input type="submit" name="submit" id="submit" value="Submit" />
                        <input type="reset" value="Clear" />
                    </div>
                    <div class="req_fields_text">
                        * Required fields
                    </div>
                </fieldset>
            </form>

            <?php
        } else {

```

```

//set fields to null if empty.
//otherwise place post_variable as string.
$team = prepare_optional($mysqli->real_escape_string($_POST['team']));
$tel = $mysqli->real_escape_string($_POST['tel']);

$query = "CALL InsertCoach('$coach', '$tel', $team)";

if($mysqli->multi_query($query)) {
    do {
        $result = $mysqli->store_result();
        if($result) {
            $result->close();
        }
    } while($mysqli->next_result());
}

redirect("./index.php", 301);
}

} else {

    <h2>Add new coach</h2>
    <p>
        <b><i>Coach and Tel fields are required.</i></b>
    </p>
    <form name="add_coach" id="add_coach"
        action="<?php echo $_SERVER['$PHP_SELF']; ?>"
        method="post" onreset="formReset(this); return false;">
        <fieldset>
            <label for="coach">
                Coach:
                <input type="text" name="coach" id="coach"
                    value="<?php echo $_POST['coach'] ?>"
                    style="width:250px" /> *
            </label>
            <label for="tel">
                Tel:
                <input type="text" name="tel" id="tel"
                    value="<?php echo $_POST['tel'] ?>"
                    style="width:200px" /> *
            </label>
            <label for="team">
                Team:
                <select name="team" id="team">
                    <option value="<?php echo $_POST['team'] ?>">
                        <?php echo $_POST['team'] ?></option>
                    <option value="">Select</option>
                    <?php
                        if($mysqli->multi_query('CALL GetTeams()')) {
                            do {
                                $result = $mysqli->store_result();
                                if($result) {
                                    while ($row = $result->fetch_array()) {
                                        <?php
                                            <option value="<?php echo $row['Team'];
                                                <?php echo $row['Team']; ?></option>
                                            <?php
                                                <?php
                                                    $result->close();
                                                }
                                            } while($mysqli->next_result());
                                        }
                                    }
                                }
                            }
                        }
                    </select>
                </label>
                <div class="buttons">
                    <input type="submit" name="submit" id="submit" value="Submit" />
                    <input type="reset" value="Clear" />
                </div>
                <div class="req_fields_text">
                    * Required fields
                </div>
            </fieldset>
        </form>

    <?php
    }
} else {

```

```

?>
<h2>Add new coach</h2>
<form name="add_coach" id="add_coach"
  action="<?php echo $_SERVER['$PHP_SELF']; ?>"
  method="post" onreset="formReset(this); return false;">
  <fieldset>
    <label for="coach">
      Coach:
      <input type="text" name="coach" id="coach"
        style="width:250px" /> *
    </label>
    <label for="tel">
      Tel:
      <input type="text" name="tel" id="tel"
        style="width:200px" /> *
    </label>
    <label for="team">
      Team:
      <select name="team" id="team">
        <option value="">Select</option>
        <?php
          if($mysqli->multi_query('CALL GetTeams()')) {
            do {
              $result = $mysqli->store_result();
              if($result) {
                while ($row = $result->fetch_array()) {
                  ?>
                  <option value="<?php echo $row['Team']; ?>">
                    <?php echo $row['Team']; ?></option>
                  <?php
                }
              }
            } while($mysqli->next_result());
          }
        </?php>
      </select>
    </label>
    <div class="buttons">
      <input type="submit" name="submit" id="submit" value="Submit" />
      <input type="reset" value="Clear" />
    </div>
    <div class="req_fields_text">
      * Required fields
    </div>
  </fieldset>
</form>
<?php
}
include "../footer.php";
$mysqli->close();
?>

```

8.2.1.3 add_equipment.php

```

<?php
ob_start();
include "../header.php";
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
include("../php_functions/redirect.php");
include("../php_functions/stored_procedure_tools.php");
print('<body onload="document.add_equipment.brand.focus()">');
include "../middle.php";
//execute if submit button is pressed
if (isset($_POST['submit']) && $_POST['submit'] == "Submit") {
  //check that mandatory fields are not empty
  if (!empty($_POST['brand']) && !empty($_POST['model']) && !empty($_POST['sport']))
  {
    $brand = $mysqli->real_escape_string($_POST['brand']);
    $model = $mysqli->real_escape_string($_POST['model']);

    $query = "CALL IsEquipment('$brand', '$model') ";

```

```

if($mysqli->multi_query($query)) {
    do {
        $result = $mysqli->store_result();
        if($result) {
            $rows = $result->num_rows;
            $result->close();
        }
    } while($mysqli->next_result());
}

//check if the chosen equipment is already in the database
if ($rows != 0) {

    <h2>Add new equipment</h2>
    <p>
        <b><i>Same equipment found from the database.<br />
        Please choose another.
        </i></b>
    </p>
    <form name="add_equipment" id="add_equipment"
        action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
        method="post" onreset="formReset(this); return false;">
        <fieldset>
            <label for="brand">
                Brand:
                <input type="text" name="brand" id="brand"
                    value="<?php echo $_POST['brand'] ?>"
                    style="width:250px" /> *
            </label>
            <label for="model">
                Model:
                <input type="text" name="model" id="model"
                    value="<?php echo $_POST['model'] ?>"
                    style="width:250px" /> *
            </label>
            <label for="sport">
                Sport:
                <select name="sport" id="sport">
                    <option value="<?php echo $_POST['sport'] ?>">
                        <?php echo $_POST['sport'] ?></option>
                    <option value="">Select</option>
                    <?php
                        if($mysqli->multi_query('Call GetSports()')) {
                            do {
                                $result = $mysqli->store_result();
                                if($result) {
                                    while ($row = $result->fetch_array()) {
                                        <?php echo
                                            <?php echo $row['Sport']; ?
                                            <?php
                                                }
                                            $result->close();
                                        }
                                    } while($mysqli->next_result());
                                }
                            <?>
                        </select> *
                    </label>
                    <label for="notes">
                        Notes:
                        <textarea name="notes" id="notes" rows="3"
                            cols="30"><?php echo trim($_POST['notes']) ?></textarea>
                    </label>
                    <div class="buttons">
                        <input type="submit" name="submit" id="submit"
                            value="Submit" />
                        <input type="reset" value="Clear" />
                    </div>
                    <div class="req_fields_text">
                        * Required fields
                    </div>
                </fieldset>
            </form>

```

```

<?php
    } else {
        //set fields to null if empty.
        //otherwise place post_variable as string.
        $notes = prepare_optional($mysqli->real_escape_string($_POST['notes']));
        $sport = $mysqli->real_escape_string($_POST['sport']);

        $query = "CALL InsertEquipment('$brand', '$model', '$sport', $notes)";

        if($mysqli->multi_query($query)) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    $result->close();
                }
            } while($mysqli->next_result());
        }

        redirect("./index.php", 301);
    }
} else {
    <h2>Add new equipment</h2>
    <p>
        <b><i>Brand, Model and Sport fields are required.</i></b>
    </p>
    <form name="add_equipment" id="add_equipment"
        action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
        method="post" onreset="formReset(this); return false;">
        <fieldset>
            <label for="brand">
                Brand:
                <input type="text" name="brand" id="brand"
                    value="<?php echo $_POST['brand'] ?>"
                    style="width:250px" /> *
            </label>
            <label for="model">
                Model:
                <input type="text" name="model" id="model"
                    value="<?php echo $_POST['model'] ?>"
                    style="width:250px" /> *
            </label>
            <label for="sport">
                Sport:
                <select name="sport" id="sport">
                    <option value="<?php echo $_POST['sport'] ?>">
                        <?php echo $_POST['sport'] ?></option>
                    <option value="">Select</option>
                    <?php
                        if($mysqli->multi_query('Call GetSports()')) {
                            do {
                                $result = $mysqli->store_result();
                                if($result) {
                                    while ($row = $result->fetch_array()) {
                                        <?php echo $row['Sport'];
                                        <?php echo $row['Sport']; ?></option>
                                    <?php
                                        $result->close();
                                    }
                                } while($mysqli->next_result());
                            }
                        }
                    </select> *
            </label>
            <label for="notes">
                Notes:
                <textarea name="notes" id="notes" rows="3"
                    cols="30"><?php echo trim($_POST['notes']) ?></textarea>
            </label>
            <div class="buttons">
                <input type="submit" name="submit" id="submit" value="Submit" />
                <input type="reset" value="Clear" />
            </div>
            <div class="req_fields_text">

```

```

                                * Required fields
                                </div>
                                </fieldset>
                                </form>
<?php
}
} else {
?>

<h2>Add new equipment</h2>
<form name="add_equipment" id="add_equipment"
    action="<?php echo $_SERVER['$PHP_SELF']; ?>"
    method="post" onreset="formReset(this); return false;">
    <fieldset>
        <label for="brand">
            Brand:
            <input type="text" name="brand" id="brand"
                style="width:250px" /> *
        </label>
        <label for="model">
            Model:
            <input type="text" name="model" id="model"
                style="width:250px" /> *
        </label>
        <label for="sport">
            Sport:
            <select name="sport" id="sport">
                <option value="">Select</option>
                <?php
                    if ($mysqli->multi_query('Call GetSports()')) {
                        do {
                            $result = $mysqli->store_result();
                            if ($result) {
                                while ($row = $result->fetch_array()) {
                                    ?>
                                    <option value="<?php echo $row['Sport']; ?>">
                                        <?php echo $row['Sport']; ?></option>
                                    <?php
                                }
                                $result->close();
                            }
                        } while ($mysqli->next_result());
                    }
                ?>
            </select> *
        </label>
        <label for="notes">
            Notes:
            <textarea name="notes" id="notes" rows="3" cols="30"></textarea>
        </label>
        <div class="buttons">
            <input type="submit" name="submit" id="submit" value="Submit" />
            <input type="reset" value="Clear" />
        </div>
        <div class="req_fields_text">
            * Required fields
        </div>
    </fieldset>
</form>

<?php
}
include "../footer.php";
$mysqli->close();
?>

```

8.2.1.4 add_exercise_dropdown.js

```

function Init_AJAX() {
    try { return new ActiveXObject("Msxml2.XMLHTTP"); } catch(e) {} //IE
    try { return new ActiveXObject("Microsoft.XMLHTTP"); } catch(e) {} //IE
    try { return new XMLHttpRequest(); } catch(e) {} //Native Javascript
    alert("XMLHttpRequest not supported");
    return null;
};

```

```

function dochange(src, val) {
    var req = Init_AJAX();
    req.onreadystatechange = function () {
        if (req.readyState==4) {
            if (req.status==200) {
                document.getElementById(src).innerHTML=req.responseText;
            }
        }
    };
    req.open("GET", "person_brand_model_dropdown.php?data="+src+"&val="+val);
    req.setRequestHeader("Content-Type",
        "application/x-www-form-urlencoded; charset=tis-620"); // set Header
    req.send(null);
}

```

8.2.1.5 add_exercise.php

```

<?php
ob_start();
include "../header.php";
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
include("../php_functions/redirect.php");
include("../php_functions/stored_procedure_tools.php");
print('<body onload=document.add_exercise.person.focus() ">');
include "../middle.php";
//execute if submit button is pressed
if (isset($_POST['submit']) && $_POST['submit'] == "Submit") {
    //check that mandatory fields are not empty
    //it is enough that one of hours, minutes or seconds fields is selected
    if (!empty($_POST['person']) && !empty($_POST['year']) &&
        !empty($_POST['month']) && !empty($_POST['day']) &&
        (!empty($_POST['hours']) || !empty($_POST['minutes']) ||
        !empty($_POST['seconds']))) && !empty($_POST['sport'])) {

        //form date
        //escape strings
        $year = $mysqli->real_escape_string($_POST['year']);
        $month = $mysqli->real_escape_string($_POST['month']);
        $day = $mysqli->real_escape_string($_POST['day']);
        //form date format
        $date = "{$_POST['year']}-{$_POST['month']}-{$_POST['day']}";
        $date = "'$date'";

        /* If ExerciseTime's hours, minutes or seconds field is not selected
         * the variable in question gets value zero. Otherwise ExerciseTime saved to
         * the MySQL database would be incorrect. For instance one hour would become
         * one second. That's because MySQL time format ignores white spaces.
         */
        $hours = prepare_timedate($mysqli->real_escape_string($_POST['hours']));
        $minutes = prepare_timedate($mysqli->real_escape_string($_POST['minutes']));
        $seconds = prepare_timedate($mysqli->real_escape_string($_POST['seconds']));

        //form time
        $time = "{$hours}:{minutes}:{seconds}";
        $time = "'$time'";

        $person = $mysqli->real_escape_string($_POST['person']);

        $query = "CALL IsExercise('$person', $date, $time) ";

        if($mysqli->multi_query($query)) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    $rows = $result->num_rows;
                    $result->close();
                }
            } while($mysqli->next_result());
        }

        /* check if an exercise with same person, date, time is
         * already in the database. These values combine T_Exercises

```



```

* table's primary key.
*/
if ($rows != 0) { //exercise with same values found
    if (empty($_POST['person']) || empty($_POST['brand']) ||
        empty($_POST['model'])) {
        ?>
        <script type="text/javascript">
            <!--
                window.onload=dochange('person', -1);
            //-->
        </script>
        <?php
    }

    <h2>Add new exercise</h2>
    <p>
        <b><i>Same exercise found from the database.<br />
            Please choose another.
        </i></b>
    </p>
    <form name="add_exercise" id="add_exercise"
        action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
        method="post" onreset="formReset(this); return false;">
        <fieldset>
            <label for='person'>
                Person:
                <font id=person>
                <select name="person" id="person">
                <option value="<?php echo $_POST['person'] ?>">
                    <?php echo $_POST['person'] ?></option>
                </select> *</font>
            </label>
            <label for="date">
                Date:
                <select name="month" id="month">
                    <option value="<?php echo $_POST['month'] ?>">
                        <?php echo $_POST['month'] ?></option>
                    <option value="">month</option>
                    <?php
                    for ($i=1; $i<13; $i++) {
                        ?>
                        <option value="<?php echo $i; ?>">
                            <?php echo $i; ?></option>
                    }
                    <?php
                </select>
                <select name="day" id="day">
                    <option value="<?php echo $_POST['day'] ?>">
                        <?php echo $_POST['day'] ?></option>
                    <option value="">day</option>
                    <?php
                    for ($i=1; $i<32; $i++) {
                        ?>
                        <option value="<?php echo $i; ?>">
                            <?php echo $i; ?></option>
                    }
                    <?php
                </select>
                <select name="year" id="year">
                    <option value="<?php echo $_POST['year'] ?>">
                        <?php echo $_POST['year'] ?></option>
                    <option value="">year</option>
                    <?php
                    for ($i=date('Y'); $i>=1990; $i--) {
                        ?>
                        <option value="<?php echo $i; ?>">
                            <?php echo $i; ?></option>
                    }
                    <?php
                </select> *
            </label>
            <label for="time">

```

```

Time:
<select name="hours" id="hours">
  <option value="<?php echo $_POST['hours'] ?>">
    <?php echo $_POST['hours'] ?></option>
  <option value="">hours</option>
  <?php
    for ($i=0; $i<24; $i++) {
      ?>
      <option value="<?php echo $i; ?>">
        <?php echo $i; ?></option>

      <?php
    }
  ?>
</select>
<select name="minutes" id="minutes">
  <option value="<?php echo $_POST['minutes'] ?>">
    <?php echo $_POST['minutes'] ?></option>
  <option value="">min</option>
  <?php
    for ($i=0; $i<60; $i++) {
      ?>
      <option value="<?php echo $i; ?>">
        <?php echo $i; ?></option>

      <?php
    }
  ?>
</select>
<select name="seconds" id="seconds">
  <option value="<?php echo $_POST['seconds'] ?>">
    <?php echo $_POST['seconds'] ?></option>
  <option value="">sec</option>
  <?php
    for ($i=0; $i<60; $i++) {
      ?>
      <option value="<?php echo $i; ?>">
        <?php echo $i; ?></option>

      <?php
    }
  ?>
</select> *
</label>
<label for="sport">
  Sport:
  <select name="sport" id="sport">
    <option value="<?php echo $_POST['sport'] ?>">
      <?php echo $_POST['sport'] ?></option>
    <option value="">Select</option>
    <?php
      if($mysqli->multi_query('CALL GetSports()')) {
        do {
          $result = $mysqli->store_result();
          if($result) {
            while ($row = $result->fetch_array()) {
              ?>
              <option
                value="<?php echo
                  $row['Sport']; ?>">
                <?php echo $row['Sport']; ?>
                <?php
              }
            $result->close();
          }
        } while($mysqli->next_result());
      }
    ?>
  </select> *
</label>
<label for="brand">
  Equipment brand:
  <font id=brand>
  <select name="brand" id="brand">
    <option value="<?php echo $_POST['brand'] ?>">
      <?php echo $_POST['brand'] ?></option>
  </select></font>

```

```

</label>
<label for='model'>
    Equipment model:
    <font id=model>
        <select name="model" id="model">
            <option value="<?php echo $_POST['model'] ?>">
                <?php echo $_POST['model'] ?></option>

        </select></font>
    </label>
<label for="location">
    Location:
    <input type="text" name="location" id="location"
        value="<?php echo $_POST['location'] ?>"
        style="width:200px" />
</label>
<label for="distance">
    Distance (km):
    <input type="text" name="distance" id="distance"
        value="<?php echo $_POST['distance'] ?>"
        style="width:100px" />
</label>
<label for="duration">
    Duration:
    <select name="duration_hours" id="duration_hours">
        <option value="<?php echo $_POST['duration_hours'] ?>">
            <?php echo $_POST['duration_hours'] ?></option>
        <option value="">hours</option>
        <?php
        for ($i=0; $i<25; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>

        <?php
        }
        ?>
    </select>
    <select name="duration_minutes" id="duration_minutes">
        <option value="<?php echo $_POST['duration_minutes'] ?>">
            <?php echo $_POST['duration_minutes'] ?></option>
        <option value="">min</option>
        <?php
        for ($i=0; $i<60; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>

        <?php
        }
        ?>
    </select>
    <select name="duration_seconds" id="duration_seconds">
        <option value="<?php echo $_POST['duration_seconds'] ?>">
            <?php echo $_POST['duration_seconds'] ?></option>
        <option value="">sec</option>
        <?php
        for ($i=0; $i<60; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>

        <?php
        }
        ?>
    </select>
</label>
<label for="calories">
    Calories (kcal):
    <input type="text" name="calories" id="calories"
        value="<?php echo $_POST['calories'] ?>"
        style="width:100px" />
</label>
<label for="avg_hr">
    Average heartrate:
    <input type="text" name="avg_hr" id="avg_hr"
        value="<?php echo $_POST['heartrate'] ?>"
        style="width:50px" />

```

```

        </label>
        <label for="temperature">
            Temperature (&#8451;):
            <input type="text" name="temperature" id="temperature"
                value="<?php echo $_POST['temperature'] ?>"
                style="width:50px" />

        </label>
        <label for="notes">
            Notes:
            <br />
            <textarea name="notes" id="notes" rows="5"
                cols="40"><?php echo trim($_POST['notes']) ?></textarea>

        </label>
        <div class="buttons">
            <input type="submit" name="submit" id="submit"
                value="Submit" />

            <input type="reset" value="Clear" />

        </div>
        <div class="req_fields_text">
            * Required fields
        </div>
    </fieldset>
</form>

<?php
} else { //insert new exercise to the database

    //form duration
    //if duration's hours, minutes or seconds field is not empty
    if(!empty($_POST['duration_hours']) || !empty($_POST['duration_minutes'])
        || !empty($_POST['duration_seconds'])) {
        //place '00' to empty fields.
        $duration_hours = prepare_timedate($mysqli->real_escape_string(
            $_POST['duration_hours']));
        $duration_minutes = prepare_timedate($mysqli->real_escape_string(
            $_POST['duration_minutes']));
        $duration_seconds = prepare_timedate($mysqli->real_escape_string(
            $_POST['duration_seconds']));

        //escape strings
        //form time format
        $duration = "{$_duration_hours}:{$_duration_minutes}:{$_duration_seconds}";
        $duration = "'$duration'";
    } else {
        //set NULL if all fields are empty
        $duration = "NULL";
    }

    //set optional fields to null if empty.
    //otherwise place post_variable as string.
    $location = prepare_optional($mysqli->real_escape_string(
        $_POST['location']));
    $distance = prepare_optional($mysqli->real_escape_string(
        $_POST['distance']));
    $calories = prepare_optional($mysqli->real_escape_string(
        $_POST['calories']));
    $avg_hr = prepare_optional($mysqli->real_escape_string(
        $_POST['avg_hr']));
    $temperature = prepare_optional($mysqli->real_escape_string(
        $_POST['temperature']));
    $equipment_brand = prepare_optional($mysqli->real_escape_string(
        $_POST['equipment_brand']));
    $equipment_model = prepare_optional($mysqli->real_escape_string(
        $_POST['equipment_model']));
    $notes = prepare_optional($mysqli->real_escape_string($_POST['notes']));

    $sport = $mysqli->real_escape_string($_POST['sport']);

    $query = "CALL InsertExercise('$person', $date, $time,
        '$sport', $location, $distance, $duration, $calories, $avg_hr,
        $temperature, $equipment_brand, $equipment_model, $notes)";

    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $result->close();
            }
        } while($mysqli->next_result());
    }
}

```

```

    }

    redirect("../index.php", 301);
}
} else {
    if (empty($_POST['person']) || empty($_POST['brand']) ||
        empty($_POST['model'])) {
        ?>
        <script type="text/javascript">
            <!--
            window.onload=dochange('person', -1);
            //-->
        </script>
        <?php
    }
    ?>
    <h2>Add new exercise</h2>
    <p>
        <b><i>Person, Date, Time and Sport fields are required.</i></b>
    </p>
    <form name="add_exercise" id="add_exercise"
        action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
        method="post" onreset="formReset(this); return false;">
        <fieldset>
            <label for='person'>
                Person:
                <font id=person>
                    <select name="person" id="person">
                        <option value="<?php echo $_POST['person'] ?>">
                            <?php echo $_POST['person'] ?></option>
                    </select> *</font>
            </label>
            <label for="date">
                Date:
                <select name="month" id="month">
                    <option value="<?php echo $_POST['month'] ?>">
                        <?php echo $_POST['month'] ?></option>
                    <option value="">month</option>
                    <?php
                    for ($i=1; $i<13; $i++) {
                        ?>
                        <option value="<?php echo $i; ?>">
                            <?php echo $i; ?></option>
                    <?php
                    }
                    ?>
                </select>
                <select name="day" id="day">
                    <option value="<?php echo $_POST['day'] ?>">
                        <?php echo $_POST['day'] ?></option>
                    <option value="">day</option>
                    <?php
                    for ($i=1; $i<32; $i++) {
                        ?>
                        <option value="<?php echo $i; ?>">
                            <?php echo $i; ?></option>
                    <?php
                    }
                    ?>
                </select>
                <select name="year" id="year">
                    <option value="<?php echo $_POST['year'] ?>">
                        <?php echo $_POST['year'] ?></option>
                    <option value="">year</option>
                    <?php
                    for ($i=date('Y'); $i>1990; $i--) {
                        ?>
                        <option value="<?php echo $i; ?>">
                            <?php echo $i; ?></option>
                    <?php
                    }
                    ?>
                </select> *
            </label>
            <label for="time">
                Time:
                <select name="hours" id="hours">
                    <option value="<?php echo $_POST['hours'] ?>">

```

```

        <?php echo $_POST['hours'] ?></option>
    <option value="">hours</option>
    <?php
    for ($i=0; $i<24; $i++) {
        ?>
        <option value="<?php echo $i; ?>">
            <?php echo $i; ?></option>
        <?php
    }
    ?>
</select>
<select name="minutes" id="minutes">
    <option value="<?php echo $_POST['minutes'] ?>">
        <?php echo $_POST['month'] ?></option>
    <option value="">min</option>
    <?php
    for ($i=0; $i<60; $i++) {
        ?>
        <option value="<?php echo $i; ?>">
            <?php echo $i; ?></option>
        <?php
    }
    ?>
</select>
<select name="seconds" id="seconds">
    <option value="<?php echo $_POST['seconds'] ?>">
        <?php echo $_POST['seconds'] ?></option>
    <option value="">sec</option>
    <?php
    for ($i=0; $i<60; $i++) {
        ?>
        <option value="<?php echo $i; ?>">
            <?php echo $i; ?></option>
        <?php
    }
    ?>
</select> *
</label>
<label for="sport">
    Sport:
    <select name="sport" id="sport">
        <option value="<?php echo $_POST['sport'] ?>">
            <?php echo $_POST['sport'] ?></option>
        <option value="">Select</option>
        <?php
        if($mysqli->multi_query('CALL GetSports()')) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    while ($row = $result->fetch_array()) {
                        ?>
                        <option value="<?php echo $row['Sport'];
                            <?php echo $row['Sport']; ?></option>

                            <?php
                    }
                    $result->close();
                }
            } while($mysqli->next_result());
        }
        ?>
    </select> *
</label>
<label for='brand'>
    Equipment brand:
    <font id=brand>
    <select name="brand" id="brand">
    <option value="<?php echo $_POST['brand'] ?>">
        <?php echo $_POST['brand'] ?></option>
    </select></font>
</label>
<label for='model'>
    Equipment model:
    <font id=model>
    <select name="model" id="model">
    <option value="<?php echo $_POST['model'] ?>">
        <?php echo $_POST['model'] ?></option>

```

```

        </select></font>
</label>
<label for="location">
    Location:
    <input type="text" name="location" id="location"
        value="<?php echo $_POST['location'] ?>"
        style="width:200px" />
</label>
<label for="distance">
    Distance (km):
    <input type="text" name="distance" id="distance"
        value="<?php echo $_POST['distance'] ?>" style="width:100px" />
</label>
<label for="duration">
    Duration:
    <select name="duration_hours" id="duration_hours">
        <option value="<?php echo $_POST['duration_hours'] ?>">
            <?php echo $_POST['duration_hours'] ?></option>
        <option value="">hours</option>
        <?php
        for ($i=0; $i<25; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>
            <?php
        }
        ?>
    </select>
    <select name="duration_minutes" id="duration_minutes">
        <option value="<?php echo $_POST['duration_minutes'] ?>">
            <?php echo $_POST['duration_minutes'] ?></option>
        <option value="">min</option>
        <?php
        for ($i=0; $i<60; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>
            <?php
        }
        ?>
    </select>
    <select name="duration_seconds" id="duration_seconds">
        <option value="<?php echo $_POST['duration_seconds'] ?>">
            <?php echo $_POST['duration_seconds'] ?></option>
        <option value="">sec</option>
        <?php
        for ($i=0; $i<60; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>
            <?php
        }
        ?>
    </select>
</label>
<label for="calories">
    Calories (kcal):
    <input type="text" name="calories" id="calories"
        value="<?php echo $_POST['calories'] ?>" style="width:100px" />
</label>
<label for="avg_hr">
    Average heartrate:
    <input type="text" name="avg_hr" id="avg_hr"
        value="<?php echo $_POST['heartrate'] ?>" style="width:50px" />
</label>
<label for="temperature">
    Temperature (&#8451;):
    <input type="text" name="temperature" id="temperature"
        value="<?php echo $_POST['temperature'] ?>"
        style="width:50px" />
</label>
<label for="notes">
    Notes:
    <br />
    <textarea name="notes" id="notes" rows="5"
        cols="40"><?php echo trim($_POST['notes']) ?></textarea>
</label>
<div class="buttons">

```

```

        <input type="submit" name="submit" id="submit" value="Submit" />
        <input type="reset" value="Clear" />
    </div>
    <div class="req_fields_text">
        * Required fields
    </div>
</fieldset>
</form>

<?php
}
} else {
?>

<script type="text/javascript">
    <!--
    window.onload=dochange('person', -1);
    //-->
</script>
<h2>Add new exercise</h2>
<form name="add_exercise" id="add_exercise"
    action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
    method="post" onreset="formReset(this); return false;">
    <fieldset>
        <label for='person'>
            Person:
            <font id=person>
                <select name="person" id="person">
                    <option value=''>Select</option>
                </select> *</font>
        </label>
        <label for="date">
            Date:
            <select name="month" id="month">
                <option value="">month</option>
                <?php
                for ($i=1; $i<13; $i++) {
                    <?>
                    <option value="<?php echo $i; ?>">
                        <?php echo $i; ?></option>
                    <?php
                }
                <?>
            </select>
            <select name="day" id="day">
                <option value="">day</option>
                <?php
                for ($i=1; $i<32; $i++) {
                    <?>
                    <option value="<?php echo $i; ?>">
                        <?php echo $i; ?></option>
                    <?php
                }
                <?>
            </select>
            <select name="year" id="year">
                <option value="">year</option>
                <?php
                for ($i=date('Y'); $i>=1990; $i--) {
                    <?>
                    <option value="<?php echo $i; ?>">
                        <?php echo $i; ?></option>
                    <?php
                }
                <?>
            </select> *
        </label>
        <label for="time">
            Time:
            <select name="hours" id="hours">
                <option value="">hours</option>
                <?php
                for ($i=0; $i<24; $i++) {
                    <?>
                    <option value="<?php echo $i; ?>">
                        <?php echo $i; ?></option>
                    <?php
                }
                <?>
            </select>

```



```

<select name="minutes" id="minutes">
  <option value="">min</option>
  <?php
  for ($i=0; $i<60; $i++) {
    ?>
    <option value="<?php echo $i; ?>">
      <?php echo $i; ?></option>
    <?php
  }
  ?>
</select>
<select name="seconds" id="seconds">
  <option value="">sec</option>
  <?php
  for ($i=0; $i<60; $i++) {
    ?>
    <option value="<?php echo $i; ?>">
      <?php echo $i; ?></option>
    <?php
  }
  ?>
</select> *
</label>
<label for="sport">
  Sport:
  <select name="sport" id="sport">
    <option value="">Select</option>
    <?php
    if ($mysqli->multi_query('CALL GetSports()')) {
      do {
        $result = $mysqli->store_result();
        if ($result) {
          while ($row = $result->fetch_array()) {
            ?>
            <option value="<?php echo $row['Sport']; ?>">
              <?php echo $row['Sport']; ?></option>
            <?php
          }
          $result->close();
        }
      } while ($mysqli->next_result());
    }
    ?>
  </select> *
</label>
<label for="brand">
  Equipment brand:
  <font id="brand">
    <select name="brand" id="brand">
      <option value=""></option>
    </select></font>
  </label>
<label for="model">
  Equipment model:
  <font id="model">
    <select name="model" id="model">
      <option value=""></option>
    </select></font>
  </label>
<label for="location">
  Location:
  <input type="text" name="location" id="location"
    style="width:200px" />
</label>
<label for="distance">
  Distance (km):
  <input type="text" name="distance" id="distance"
    style="width:100px" />
</label>
<label for="duration">
  Duration:
  <select name="duration_hours" id="duration_hours">
    <option value="">hours</option>
    <?php
    for ($i=0; $i<25; $i++) {
      ?>
      <option value="<?php echo $i; ?>">

```

```

                                <?php echo $i; ?></option>
                                <?php
                                }
                                ?>
                            </select>
                            <select name="duration_minutes" id="duration_minutes">
                                <option value="">min</option>
                                <?php
                                for ($i=0; $i<60; $i++) {
                                    ?>
                                    <option value="<?php echo $i; ?>">
                                        <?php echo $i; ?></option>
                                    <?php
                                }
                                ?>
                            </select>
                            <select name="duration_seconds" id="duration_seconds">
                                <option value="">sec</option>
                                <?php
                                for ($i=0; $i<60; $i++) {
                                    ?>
                                    <option value="<?php echo $i; ?>">
                                        <?php echo $i; ?></option>
                                    <?php
                                }
                                ?>
                            </select>
                        </label>
                        <label for="calories">
                            Calories (kcal):
                            <input type="text" name="calories" id="calories"
                                style="width:100px" />
                        </label>
                        <label for="avg_hr">
                            Average heartrate:
                            <input type="text" name="avg_hr" id="avg_hr"
                                style="width:50px" />
                        </label>
                        <label for="temperature">
                            Temperature (&#8451;):
                            <input type="text" name="temperature" id="temperature"
                                style="width:50px" />
                        </label>
                        <label for="notes">
                            Notes:
                            <br />
                            <textarea name="notes" id="notes" rows="5" cols="40"></textarea>
                        </label>
                        <div class="buttons">
                            <input type="submit" name="submit" id="submit" value="Submit" />
                            <input type="reset" value="Clear" />
                        </div>
                        <div class="req_fields_text">
                            * Required fields
                        </div>
                    </fieldset>
                </form>

<?php
}
include "../footer.php";
mysqli->close();
?>

```

8.2.1.6 add_match.php

```

<?php
ob_start();
include "../header.php";
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
include("../php_functions/redirect.php");
include("../php_functions/stored_procedure_tools.php");
print('<body onload="document.add_match.match.focus()">');
include "../middle.php";

```

```
//execute if submit button is pressed
if (isset($_POST['submit']) && $_POST['submit'] == "Submit") {
    /*
     * check that mandatory fields are not empty and home and
     * guest teams are not the same.
     */
    if (!empty($_POST['match']) && !empty($_POST['year']) &&
        !empty($_POST['month']) && !empty($_POST['day']) &&
        (!empty($_POST['hours']) || !empty($_POST['minutes']) ||
         !empty($_POST['seconds'])) && !empty($_POST['sport'])
        && !empty($_POST['city']) && !empty($_POST['country'])
        && !empty($_POST['place']) && !empty($_POST['home_team'])
        && !empty($_POST['guest_team'])
        && $_POST['home_team'] != $_POST['guest_team']) {

        //form date
        //escape strings
        $year = $mysqli->real_escape_string($_POST['year']);
        $month = $mysqli->real_escape_string($_POST['month']);
        $day = $mysqli->real_escape_string($_POST['day']);
        //form date format
        $date = "{$year}-{$month}-{$day}";
        $date = "'$date'";

        $match = $mysqli->real_escape_string($_POST['match']);

        $query = "CALL IsMatch('$match', $date) ";

        if($mysqli->multi_query($query)) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    $rows = $result->num_rows;
                    $result->close();
                }
            } while($mysqli->next_result());
        }

        /* check if a match with same match name and date is
         * already in the database.
         */
        if ($rows != 0) { //match with same values found

            <h2>Add new exercise</h2>
            <p>
                <b><i>Same match found from the database.
                </i></b>

            </p>
            <form name="add_match" id="add_match"
                action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
                method="post" onreset="formReset(this); return false;">
                <fieldset>
                    <label for="match">
                        Match:
                        <input type="text" name="match" id="match"
                            value="<?php echo $_POST['match'] ?>"
                            style="width:250px" /> *
                    </label>
                    <label for="date">
                        Date:
                        <select name="month" id="month">
                            <option value="<?php echo $_POST['month'] ?>">
                                <?php echo $_POST['month'] ?></option>
                            <option value="">month</option>
                            <?php
                                for ($i=1; $i<13; $i++) {
                                    <?>
                                    <option value="<?php echo $i; ?>">
                                        <?php echo $i; ?></option>
                                }
                            <?>
                        </select>
                        <select name="day" id="day">
                            <option value="<?php echo $_POST['day'] ?>">
                                <?php echo $_POST['day'] ?></option>
                            <option value="">day</option>

```

```

        <?php
        for ($i=1; $i<32; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>

            <?php
        }
        ?>
    </select>
    <select name="year" id="year">
        <option value="<?php echo $_POST['year'] ?>">
            <?php echo $_POST['year'] ?></option>

        <option value="">year</option>
        <?php
        for ($i=date('Y'); $i>=1990; $i--) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>

            <?php
        }
        ?>
    </select> *
</label>
<label for="time">
    Time:
    <select name="hours" id="hours">
        <option value="<?php echo $_POST['hours'] ?>">
            <?php echo $_POST['hours'] ?></option>
        <option value="">hours</option>
        <?php
        for ($i=0; $i<24; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>

            <?php
        }
        ?>
    </select>
    <select name="minutes" id="minutes">
        <option value="<?php echo $_POST['minutes'] ?>">
            <?php echo $_POST['minutes'] ?></option>
        <option value="">min</option>
        <?php
        for ($i=0; $i<60; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>

            <?php
        }
        ?>
    </select>
    <select name="seconds" id="seconds">
        <option value="<?php echo $_POST['seconds'] ?>">
            <?php echo $_POST['seconds'] ?></option>
        <option value="">sec</option>
        <?php
        for ($i=0; $i<60; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>

            <?php
        }
        ?>
    </select> *
</label>
<label for="sport">
    Sport:
    <select name="sport" id="sport">
        <option value="<?php echo $_POST['sport'] ?>">
            <?php echo $_POST['sport'] ?></option>
        <option value="">Select</option>
        <?php
    </select>

```

```

        if($mysqli->multi_query("CALL GetSports()")) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    while ($row = $result->fetch_array()) {
                        ?>
                        <option
                            value="<?php echo

$row['Sport']; ?>">

                        <?php echo $row['Sport']; ?

                        <?php
                    }
                    $result->close();
                }
            } while($mysqli->next_result());
        }
        ?>
    </select> *
</label>
<label for="home_team">
    Home Team:
    <select name="home_team" id="home_team">
        <option value="<?php echo $_POST['home_team'] ?>">
            <?php echo $_POST['home_team'] ?></option>
        <option value="">Select</option>
        <?php
        if($mysqli->multi_query("CALL GetTeams()")) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    while ($row = $result->fetch_array()) {
                        ?>
                        <option
                            value="<?php echo

$row['Team']; ?>">

                        <?php echo $row['Team']; ?

                        <?php
                    }
                    $result->close();
                }
            } while($mysqli->next_result());
        }
        ?>
    </select> *
</label>
<label for="guest_team">
    Guest Team:
    <select name="guest_team" id="guest_team">
        <option value="<?php echo $_POST['guest_team'] ?>">
            <?php echo $_POST['guest_team'] ?></option>
        <option value="">Select</option>
        <?php
        if($mysqli->multi_query("CALL GetTeams()")) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    while ($row = $result->fetch_array()) {
                        ?>
                        <option
                            value="<?php echo

$row['Team']; ?>">

                        <?php echo $row['Team']; ?

                        <?php
                    }
                    $result->close();
                }
            } while($mysqli->next_result());
        }
        ?>
    </select> *
</label>
<label for="city">
    City:
    <input type="text" name="city" id="city"
        value="<?php echo $_POST['city'] ?>" /> *

```

```

        </label>
        <label for="country">
            Country:
            <input type="text" name="country" id="country"
                value="<?php echo $_POST['country'] ?>" /> *
        </label>
        <label for="place">
            Place:
            <input type="text" name="place" id="place"
                value="<?php echo $_POST['place'] ?>"
                style="width:250px" /> *
        </label>
        <label for="description">
            Description:
            <br />
            <textarea name="description" id="description" rows="5"
                cols="40"><?php echo $_POST['description'] ?></textarea>
        </label>
        <div class="buttons">
            <input type="submit" name="submit" id="submit" value="Submit" />
            <input type="reset" value="Clear" />
        </div>
        <div class="req_fields_text">
            * Required fields
        </div>
    </fieldset>
</form>

<?php
} else { //insert new match to the database
    /* If time's hours, minutes or seconds field is not selected
     * the variable in question gets value zero. Otherwise MatchTime saved to
     * the MySQL database would be incorrect. For instance one hour would become
     * one second. That's because MySQL time format ignores white spaces.
     */
    $hours = prepare_timedate($mysqli->real_escape_string($_POST['hours']));
    $minutes = prepare_timedate($mysqli->real_escape_string($_POST['minutes']));
    $seconds = prepare_timedate($mysqli->real_escape_string($_POST['seconds']));

    //form time
    $time = "{$hours}:{$minutes}:{$seconds}";
    $time = "'$time'";

    $description = prepare_optional($mysqli->real_escape_string(
        $_POST['description']));

    $sport = $mysqli->real_escape_string($_POST['sport']);
    $city = $mysqli->real_escape_string($_POST['city']);
    $country = $mysqli->real_escape_string($_POST['country']);
    $place = $mysqli->real_escape_string($_POST['place']);

    $query = "CALL InsertMatch('$match', $date, $time, '$sport',
        '$city', '$country', '$place', $description)";

    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $result->close();
            }
        } while($mysqli->next_result());
    }

    $home_team = $mysqli->real_escape_string($_POST['home_team']);

    $query = "CALL InsertHomeTeam('$home_team', '$match', $date) ";

    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $result->close();
            }
        } while($mysqli->next_result());
    }

    $guest_team = $mysqli->real_escape_string($_POST['guest_team']);

    $query = "CALL InsertGuestTeam('$guest_team', '$match', $date) ";

```

```

        if($mysqli->multi_query($query)) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    $result->close();
                }
            } while($mysqli->next_result());
        }

        redirect("../index.php", 301);
    }
} else {
    <h2>Add new match</h2>
    <p>
        <?php
        if ($_POST['home_team']==$_POST['guest_team']) {
            print "<b><i>Home team and Guest team can't be the same!</i></b>";
        } else {
            print "<b><i>Match name, Date, Time, Sport, City,<br />
                Country and Place fields are required.</i></b>";
        }
    </p>
    <form name="add_match" id="add_match"
        action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
        method="post" onreset="formReset(this); return false;">
        <fieldset>
            <label for="match">
                Match:
                <input type="text" name="match" id="match"
                    value="<?php echo $_POST['match'] ?>"
                    style="width:250px" /> *
            </label>
            <label for="date">
                Date:
                <select name="month" id="month">
                    <option value="<?php echo $_POST['month'] ?>">
                        <?php echo $_POST['month'] ?></option>
                    <option value="">month</option>
                    <?php
                    for ($i=1; $i<13; $i++) {
                        <?php
                        <option value="<?php echo $i; ?>">
                            <?php echo $i; ?></option>
                        <?php
                    }
                    <?php
                </select>
                <select name="day" id="day">
                    <option value="<?php echo $_POST['day'] ?>">
                        <?php echo $_POST['day'] ?></option>
                    <option value="">day</option>
                    <?php
                    for ($i=1; $i<32; $i++) {
                        <?php
                        <option value="<?php echo $i; ?>">
                            <?php echo $i; ?></option>
                        <?php
                    }
                    <?php
                </select>
                <select name="year" id="year">
                    <option value="<?php echo $_POST['year'] ?>">
                        <?php echo $_POST['year'] ?></option>
                    <option value="">year</option>
                    <?php
                    for ($i=date('Y'); $i>1990; $i--) {
                        <?php
                        <option value="<?php echo $i; ?>">
                            <?php echo $i; ?></option>
                        <?php
                    }
                    <?php
                </select> *
            </label>

```

```

<label for="time">
    Time:
    <select name="hours" id="hours">
        <option value="<?php echo $_POST['hours'] ?>">
            <?php echo $_POST['hours'] ?></option>
        <option value="">hours</option>
        <?php
        for ($i=0; $i<24; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>
            <?php
        }
        ?>
    </select>
    <select name="minutes" id="minutes">
        <option value="<?php echo $_POST['minutes'] ?>">
            <?php echo $_POST['minutes'] ?></option>
        <option value="">min</option>
        <?php
        for ($i=0; $i<60; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>
            <?php
        }
        ?>
    </select>
    <select name="seconds" id="seconds">
        <option value="<?php echo $_POST['seconds'] ?>">
            <?php echo $_POST['seconds'] ?></option>
        <option value="">sec</option>
        <?php
        for ($i=0; $i<60; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>
            <?php
        }
        ?>
    </select> *
</label>
<label for="sport">
    Sport:
    <select name="sport" id="sport">
        <option value="<?php echo $_POST['sport'] ?>">
            <?php echo $_POST['sport'] ?></option>
        <option value="">Select</option>
        <?php
        if($mysqli->multi_query("CALL GetSports()")) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    while ($row = $result->fetch_array()) {
                        ?>
                        <option value="<?php echo $row['Sport'];>
                            <?php echo $row['Sport']; ?></option>
                        <?php
                    }
                    $result->close();
                }
            } while($mysqli->next_result());
        }
        ?>
    </select> *
</label>
<label for="home_team">
    Home Team:
    <select name="home_team" id="home_team">
        <option value="<?php echo $_POST['home_team'] ?>">
            <?php echo $_POST['home_team'] ?></option>
        <option value="">Select</option>
        <?php
        if($mysqli->multi_query("CALL GetTeams()")) {
            do {
                $result = $mysqli->store_result();

```



```

        if($result) {
            while ($row = $result->fetch_array()) {
                ?>
                <option value="<?php echo $row['Team'];

                <?php echo $row['Team']; ?></option>

                <?php

            }
            $result->close();
        }
        } while($mysqli->next_result());
    }
    ?>
</select> *
</label>
<label for="guest_team">
    Guest Team:
    <select name="guest_team" id="guest_team">
        <option value="<?php echo $_POST['guest_team'] ?>">
            <?php echo $_POST['guest_team'] ?></option>
        <option value="">Select</option>
        <?php
        if($mysqli->multi_query("CALL GetTeams()")) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    while ($row = $result->fetch_array()) {
                        ?>
                        <option value="<?php echo $row['Team'];

                        <?php echo $row['Team']; ?></option>

                        <?php

                    }
                    $result->close();
                }
            } while($mysqli->next_result());
        }
    }
    ?>
</select> *
</label>
<label for="city">
    City:
    <input type="text" name="city" id="city"
        value="<?php echo $_POST['city'] ?>" /> *
</label>
<label for="country">
    Country:
    <input type="text" name="country" id="country"
        value="<?php echo $_POST['country'] ?>" /> *
</label>
<label for="place">
    Place:
    <input type="text" name="place" id="place"
        value="<?php echo $_POST['place'] ?>"
        style="width:250px" /> *
</label>
<label for="description">
    Description:
    <br />
    <textarea name="description" id="description" rows="5"
        cols="40"><?php echo $_POST['description'] ?></textarea>
</label>
<div class="buttons">
    <input type="submit" name="submit" id="submit" value="Submit" />
    <input type="reset" value="Clear" />
</div>
<div class="req_fields_text">
    * Required fields
</div>
</fieldset>
</form>

<?php
}
} else {
?>

<h2>Add new match</h2>

```

```

<form name="add_match" id="add_match" action="<?php echo $_SERVER['$PHP_SELF']; ?>"
      method="post" onreset="formReset(this); return false;">
  <fieldset>
    <label for="match">
      Match:
      <input type="text" name="match" id="match"
            style="width:250px" /> *
    </label>
    <label for="date">
      Date:
      <select name="month" id="month">
        <option value="">month</option>
        <?php
          for ($i=1; $i<13; $i++) {
            ?>
            <option value="<?php echo $i; ?>"
                  <?php echo $i; ?></option>
            <?php
          }
        ?>
      </select>
      <select name="day" id="day">
        <option value="">day</option>
        <?php
          for ($i=1; $i<32; $i++) {
            ?>
            <option value="<?php echo $i; ?>"
                  <?php echo $i; ?></option>
            <?php
          }
        ?>
      </select>
      <select name="year" id="year">
        <option value="">year</option>
        <?php
          for ($i=date('Y'); $i>=1990; $i--) {
            ?>
            <option value="<?php echo $i; ?>"
                  <?php echo $i; ?></option>
            <?php
          }
        ?>
      </select> *
    </label>
    <label for="time">
      Time:
      <select name="hours" id="hours">
        <option value="">hours</option>
        <?php
          for ($i=0; $i<24; $i++) {
            ?>
            <option value="<?php echo $i; ?>"
                  <?php echo $i; ?></option>
            <?php
          }
        ?>
      </select>
      <select name="minutes" id="minutes">
        <option value="">min</option>
        <?php
          for ($i=0; $i<60; $i++) {
            ?>
            <option value="<?php echo $i; ?>"
                  <?php echo $i; ?></option>
            <?php
          }
        ?>
      </select>
      <select name="seconds" id="seconds">
        <option value="">sec</option>
        <?php
          for ($i=0; $i<60; $i++) {
            ?>
            <option value="<?php echo $i; ?>"
                  <?php echo $i; ?></option>
            <?php
          }
        ?>
      </select>
    </label>
  </fieldset>

```

```

        </select> *
    </label>
    <label for="sport">
        Sport:
        <select name="sport" id="sport">
            <option value="">Select</option>
            <?php
            if($mysqli->multi_query("CALL GetSports()")) {
                do {
                    $result = $mysqli->store_result();
                    if($result) {
                        while ($row = $result->fetch_array()) {
                            ?>
                            <option value="<?php echo $row['Sport']; ?>">
                                <?php echo $row['Sport']; ?></option>

                            <?php
                        }
                        $result->close();
                    }
                } while($mysqli->next_result());
            }
            ?>
        </select> *
    </label>
    <label for="home_team">
        Home Team:
        <select name="home_team" id="home_team">
            <option value="">Select</option>
            <?php
            if($mysqli->multi_query("CALL GetTeams()")) {
                do {
                    $result = $mysqli->store_result();
                    if($result) {
                        while ($row = $result->fetch_array()) {
                            ?>
                            <option value="<?php echo $row['Team']; ?>">
                                <?php echo $row['Team']; ?></option>

                            <?php
                        }
                        $result->close();
                    }
                } while($mysqli->next_result());
            }
            ?>
        </select> *
    </label>
    <label for="guest_team">
        Guest Team:
        <select name="guest_team" id="guest_team">
            <option value="">Select</option>
            <?php
            if($mysqli->multi_query("CALL GetTeams()")) {
                do {
                    $result = $mysqli->store_result();
                    if($result) {
                        while ($row = $result->fetch_array()) {
                            ?>
                            <option value="<?php echo $row['Team']; ?>">
                                <?php echo $row['Team']; ?></option>

                            <?php
                        }
                        $result->close();
                    }
                } while($mysqli->next_result());
            }
            ?>
        </select> *
    </label>
    <label for="city">
        City:
        <input type="text" name="city" id="city" /> *
    </label>
    <label for="country">
        Country:
        <input type="text" name="country" id="country" /> *

```

```

        </label>
        <label for="place">
            Place:
            <input type="text" name="place" id="place"
                style="width:250px" /> *
        </label>
        <label for="description">
            Description:
            <br />
            <textarea name="description" id="description"
                rows="5" cols="40"></textarea>
        </label>
        <div class="buttons">
            <input type="submit" name="submit" id="submit" value="Submit" />
            <input type="reset" value="Clear" />
        </div>
        <div class="req_fields_text">
            * Required fields
        </div>
    </fieldset>
</form>

<?php
}
include "../footer.php";
mysqli->close();
?>

```

8.2.1.7 add_owned_equipment.php

```

<?php
ob_start();
include "../header.php";
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
include("../php_functions/redirect.php");
include("../php_functions/stored_procedure_tools.php");
print('<body onload="document.add_owned_equipment.person.focus()">');
include "../middle.php";
//execute if submit button is pressed
if (isset($_POST['submit']) && $_POST['submit'] == "Submit") {
    //check that mandatory fields are not empty
    if (!empty($_POST['person']) && !empty($_POST['equipment_brand']) &&
        !empty($_POST['equipment_model'])) {

        $person = mysqli->real_escape_string($_POST['person']);
        $person = "'$person'";

        $brand = mysqli->real_escape_string($_POST['equipment_brand']);
        $brand = "'$brand'";

        $model = mysqli->real_escape_string($_POST['equipment_model']);
        $model = "'$model'";

        $query = "CALL IsOwnedEquipment($person, $brand, $model)";

        if(mysqli->multi_query($query)) {
            do {
                $result = mysqli->store_result();
                if($result) {
                    $rows = $result->num_rows;
                    $result->close();
                }
            } while(mysqli->next_result());
        }

        if ($rows != 0) {

            <h2>Add new owned equipment</h2>
            <p>
                <b><i>Equipment is already owned by <?php echo $_POST['person'] ?><br />
                </i></b>
            </p>
            <form name="add_owned_equipment" id="add_owned_equipment"
                action="<?php echo $_SERVER['$_PHP_SELF']; ?>"

```

```

method="post" onreset="formReset(this); return false;">
<fieldset>
  <label for="person">
    Person:
    <select name="person" id="person">
      <option value="<?php echo $_POST['person'] ?>">
        <?php echo $_POST['person'] ?></option>
      <?php
        if($mysqli->multi_query('CALL GetPersons()')) {
          do {
            $result = $mysqli->store_result();
            if($result) {
              while ($row = $result->fetch_array()) {
                ?>
                <option value="<?php echo
                  <?php echo $row['Person']; ?></
                <?php
              }
            }
            $result->close();
          } while($mysqli->next_result());
        }
      ?>
    </select> *
  </label>
  <label for="equipment_brand">
    Equipment brand:
    <select name="equipment_brand" id="equipment_brand"
      onchange="show_models(this.value)" >
      <option value="<?php echo $_POST['equipment_brand'] ?>">
        <?php echo $_POST['equipment_brand'] ?></option>
      <option value="">-----</option>
      <?php
        if($mysqli->multi_query('CALL GetEquipmentBrands()')) {
          do {
            $result = $mysqli->store_result();
            if($result) {
              while ($row = $result->fetch_array()) {
                ?>
                <option value="<?php echo
                  <?php echo $row['Brand']; ?
                <?php
              }
            }
            $result->close();
          } while($mysqli->next_result());
        }
      ?>
    </select> *
  </label>
  <div id="models">
    <label for="equipment_model">
      Equipment model:
      <select name="equipment_model" id="equipment_model"
        style="width:85px">
        <option value="<?php echo $_POST['equipment_model'] ?>">
          <?php echo $_POST['equipment_model'] ?></option>
        <option value=""></option>
      </select> *
    </label>
  </div>
  <label for="total_use">
    Total Use:
    <input type="text" name="total_use" id="total_use"
      value="<?php echo $_POST['total_use'] ?>" />
  </label>
  <label for="expected_lifetime">
    Expected Lifetime:
    <input type="text" name="expected_lifetime"
      id="expected_lifetime"
      value="<?php echo $_POST['expected_lifetime'] ?>" />
  </label>
  <label for="notes">
    Notes:

```

```

        <textarea name="notes" id="notes" rows="3"
            cols="30"><?php echo $_POST['notes'] ?></textarea>
    </label>
    <div class="buttons">
        <input type="submit" name="submit" id="submit" value="Submit" />
        <input type="reset" value="Clear" />
    </div>
    <div class="req_fields_text">
        * Required fields
    </div>
</fieldset>
</form>

<?php
} else {
    //set fields to null if empty.
    //otherwise place post_variable as string.
    $total_use = prepare_optional($mysqli->real_escape_string(
        $_POST['total_use']));
    //in this case total use can't be NULL otherwise update trigger doesn't work
    if ($total_use == "NULL") {
        $total_use = 0;
    }
    $expected_lifetime = prepare_optional($mysqli->real_escape_string(
        $_POST['expected_lifetime']));
    $notes = prepare_optional($mysqli->real_escape_string($_POST['notes']));

    $query = "CALL InsertOwnedEquipment($person, $brand, $model,
        $total_use, $expected_lifetime, $notes)";

    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $result->close();
            }
        } while($mysqli->next_result());
    }
    redirect("./index.php", 301);
} else {
    ?>

    <h2>Add new owned equipment</h2>
    <p><b>The person name, brand and model is required!</b></p>
    <form name="add_owned_equipment" id="add_owned_equipment"
        action="<?php echo $_SERVER['PHP_SELF']; ?>"
        method="post" onreset="formReset(this); return false;">
    <fieldset>
        <label for="person">
            Person:
            <select name="person" id="person">
                <option value="<?php echo $_POST['person'] ?>">
                    <?php echo $_POST['person'] ?></option>
                <?php
                    if($mysqli->multi_query('CALL GetPersons()')) {
                        do {
                            $result = $mysqli->store_result();
                            if($result) {
                                while ($row = $result->fetch_array()) {
                                    ?>
                                    <option value="<?php echo
                                        $row['Person']; ?>">
                                        <?php echo $row['Person']; ?></option>
                                    <?php
                                }
                                $result->close();
                            }
                        } while($mysqli->next_result());
                    }
                ?>
            </select> *
        </label>
        <label for="equipment_brand">
            Equipment brand:
            <select name="equipment_brand" id="equipment_brand"
                onchange="show_models(this.value)" >
                <option value="<?php echo $_POST['equipment_brand'] ?>">
                    <?php echo $_POST['equipment_brand'] ?></option>

```

```

        <option value="">-----</option>
        <?php
        if($mysqli->multi_query('CALL GetEquipmentBrands()')) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    while ($row = $result->fetch_array()) {
                        ?>
                        <option value="<?php echo $row['Brand'];
                        <?php echo $row['Brand']; ?></option>

                        <?php
                    }
                    $result->close();
                }
            } while($mysqli->next_result());
        }
        ?>
    </select> *
</label>
<div id="models">
    <label for="equipment_model">
        Equipment model:
        <select name="equipment_model" id="equipment_model"
            style="width:85px">
            <option value="<?php echo $_POST['equipment_model'] ?>">
                <?php echo $_POST['equipment_model'] ?></option>
            <option value=""></option>
        </select> *
    </label>
</div>
<label for="total_use">
    Total Use:
    <input type="text" name="total_use" id="total_use"
        value="<?php echo $_POST['total_use'] ?>" />
</label>
<label for="expected_lifetime">
    Expected Lifetime:
    <input type="text" name="expected_lifetime" id="expected_lifetime"
        value="<?php echo $_POST['expected_lifetime'] ?>" />
</label>
<label for="notes">
    Notes:
    <textarea name="notes" id="notes" rows="3"
        cols="30"><?php echo $_POST['notes'] ?></textarea>
</label>
<div class="buttons">
    <input type="submit" name="submit" id="submit" value="Submit" />
    <input type="reset" value="Clear" />
</div>
<div class="req_fields_text">
    * Required fields
</div>
</fieldset>
</form>

<?php
}
} else {
?>

<h2>Add new owned equipment</h2>
<form name="add_owned_equipment" id="add_owned_equipment"
    action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
    method="post" onreset="formReset(this); return false;">
    <fieldset>
        <label for="person">
            Person:
            <select name="person" id="person">
                <?php
                if ($_SESSION['select_all'] == 0) {
                    ?>
                    <option value="<?php echo $_SESSION['selected_athlete'] ?>">
                        <?php echo $_SESSION['selected_athlete'] ?></option>
                    <?php
                } else {
                    print ('<option value="">Select</option>');
                }
                if($mysqli->multi_query('CALL GetPersons()')) {

```

```

        do {
            $result = $mysqli->store_result();
            if($result) {
                while ($row = $result->fetch_array()) {
                    ?>
                    <option value="<?php echo $row['Person']; ?>">
                    <?php echo $row['Person']; ?></option>

                    <?php

                }
                $result->close();
            }
        } while($mysqli->next_result());
    }
    ?>
</select> *
</label>
<label for="equipment_brand">
    Equipment brand:
    <select name="equipment_brand" id="equipment_brand"
    onchange="show_models(this.value)" >
        <option value="">-----</option>
        <?php
        if($mysqli->multi_query('CALL GetEquipmentBrands(')) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    while ($row = $result->fetch_array()) {
                        ?>
                        <option value="<?php echo $row['Brand']; ?>">
                        <?php echo $row['Brand']; ?></option>

                        <?php

                    }
                    $result->close();
                }
            } while($mysqli->next_result());
        }
        ?>
    </select> *
</label>
<div id="models">
    <label for="equipment_model">
        Equipment model:
        <select name="equipment_model" id="equipment_model"
        style="width:85px">
            <option value=""></option>
        </select> *
    </label>
</div>
<label for="total_use">
    Total Use:
    <input type="text" name="total_use" id="total_use" />
</label>
<label for="expected_lifetime">
    Expected Lifetime:
    <input type="text" name="expected_lifetime" id="expected_lifetime" />
</label>
<label for="notes">
    Notes:
    <textarea name="notes" id="notes" rows="3" cols="30"></textarea>
</label>
<div class="buttons">
    <input type="submit" name="submit" id="submit" value="Submit" />
    <input type="reset" value="Clear" />
</div>
<div class="req_fields_text">
    * Required fields
</div>
</fieldset>
</form>

<?php
}
include("../footer.php");
$mysqli->close();
?>

```


8.2.1.8 add_personal_coach.php

```

<?php
ob_start();
include "../header.php";
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
include("../php_functions/redirect.php");
print('<body onload="document.add_personal_coach.person.focus()">');
include "../middle.php";
//execute if submit button is pressed
if (isset($_POST['submit']) && $_POST['submit'] == "Submit") {
    //check that mandatory fields are not empty
    if (!empty($_POST['person']) && !empty($_POST['coach'])) {

        $person = $mysqli->real_escape_string($_POST['person']);
        $coach = $mysqli->real_escape_string($_POST['coach']);

        $query = "CALL IsPersonalCoach('$person', '$coach') ";

        if($mysqli->multi_query($query)) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    $rows = $result->num_rows;
                    $result->close();
                }
            } while($mysqli->next_result());
        }

        //check if the chosen person-coach combination is already in the database
        if ($rows != 0) {

            <h2>Add new personal coach</h2>
            <p>
                <b><i>Chosen person (<?php echo $_POST['person']; ?>) has already
                    coach (<?php echo $_POST['coach']; ?>).<br />
                    Please choose another combination.
                </i></b>
            </p>
            <form name="add_personal_coach" id="add_personal_coach"
                action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
                method="post" onreset="formReset(this); return false;">
                <fieldset>
                    <label for="person">
                        Person:
                        <select name="person">
                            <option value="<?php echo $_POST['person']; ?>">
                                <?php echo $_POST['person']; ?></option>
                            <option value="">Select</option>
                            <?php
                                if($mysqli->multi_query('Call GetPersons()')) {
                                    do {
                                        $result = $mysqli->store_result();
                                        if($result) {
                                            while ($row = $result->fetch_array()) {
                                                <?php
                                                    <option
                                                        value="<?php echo
$row['Person']; ?>">
                                                        <?php echo $row['Person']; ?></
option>
                                                <?php
                                            }
                                        }
                                    } while($mysqli->next_result());
                                }
                            </select> *
                        </label>
                        <label for="coach">
                            Coach:
                            <select name="coach">
                                <option value="<?php echo $_POST['coach']; ?>">
                                    <?php echo $_POST['coach']; ?></option>

```

```

        <option value="">Select</option>
        <?php
        if($mysqli->multi_query('CALL GetCoaches()')) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    while ($row = $result->fetch_array()) {
                        ?>
                        <option
                            value="<?php echo
                                $row['Coach']; ?>"
                        <?php echo $row['Coach']; ?>
                        <?php
                    }
                    $result->close();
                }
            } while($mysqli->next_result());
        }
        ?>
    </select> *
</label>
<div class="buttons">
    <input type="submit" name="submit" id="submit" value="Submit" />
    <input type="reset" value="Clear" />
</div>
<div class="req_fields_text">
    * Required fields
</div>
</fieldset>
</form>
<?php
} else {
    $query = "CALL InsertPersonalCoach('$person', '$coach')";
    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $result->close();
            }
        } while($mysqli->next_result());
    }
    redirect("./index.php", 301);
}
} else {
    ?>
    <h2>Add new personal coach</h2>
    <p>
        <b><i>Person and Coach fields are required.</i></b>
    </p>
    <form name="add_personal_coach" id="add_personal_coach"
        action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
        method="post" onreset="formReset(this); return false;">
        <fieldset>
            <label for="person">
                Person:
                <select name="person">
                    <option value="<?php echo $_POST['person']; ?>"
                        <?php echo $_POST['person']; ?></option>
                    <option value="">Select</option>
                    <?php
                    if($mysqli->multi_query('Call GetPersons()')) {
                        do {
                            $result = $mysqli->store_result();
                            if($result) {
                                while ($row = $result->fetch_array()) {
                                    ?>
                                    <option value="<?php echo
                                        $row['Person']; ?>"
                                    <?php echo $row['Person']; ?></option>
                                    <?php
                                }
                            }
                            $result->close();
                        }
                    }
                </select>
            </label>
            <input type="text" name="coach" />
            <input type="submit" value="Add" />
        </fieldset>
    </form>
    <?php
    if($mysqli->multi_query('CALL InsertPersonalCoach('$person', '$coach')')) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $result->close();
            }
        } while($mysqli->next_result());
    }
    redirect("./index.php", 301);
}
}
}
?>

```

```

        } while($mysqli->next_result());
    }
    ?>
</select> *
</label>
<label for="coach">
    Coach:
    <select name="coach">
        <option value="<?php echo $_POST['coach']; ?>">
            <?php echo $_POST['coach']; ?></option>
        <option value="">Select</option>
        <?php
            if($mysqli->multi_query('CALL GetCoaches()')) {
                do {
                    $result = $mysqli->store_result();
                    if($result) {
                        while ($row = $result->fetch_array()) {
                            ?>
                            <option value="<?php echo $row['Coach']; ?>">
                                <?php echo $row['Coach']; ?></option>
                            <?php
                        }
                        $result->close();
                    }
                } while($mysqli->next_result());
            }
        ?>
    </select> *
</label>
<div class="buttons">
    <input type="submit" name="submit" id="submit" value="Submit" />
    <input type="reset" value="Clear" />
</div>
<div class="req_fields_text">
    * Required fields
</div>
</fieldset>
</form>

<?php
}
} else {
?>

<h2>Add new personal coach</h2>
<form name="add_personal_coach" id="add_personal_coach"
    action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
    method="post" onreset="formReset(this); return false;">
    <fieldset>
        <label for="person">
            Person:
            <select name="person">
                <option value="">Select</option>
                <?php
                    if($mysqli->multi_query('Call GetPersons()')) {
                        do {
                            $result = $mysqli->store_result();
                            if($result) {
                                while ($row = $result->fetch_array()) {
                                    ?>
                                    <option value="<?php echo $row['Person']; ?>">
                                        <?php echo $row['Person']; ?></option>
                                    <?php
                                }
                                $result->close();
                            }
                        } while($mysqli->next_result());
                    }
                ?>
            </select> *
        </label>
        <label for="coach">
            Coach:
            <select name="coach">
                <option value="">Select</option>
                <?php
                    if($mysqli->multi_query('CALL GetCoaches()')) {

```

```

        do {
            $result = $mysqli->store_result();
            if($result) {
                while ($row = $result->fetch_array()) {
                    ?>
                    <option value="<?php echo $row['Coach']; ?>">
                    <?php echo $row['Coach']; ?></option>

                    <?php

                }
                $result->close();
            }
        } while($mysqli->next_result());
    }
    ?>
</select> *
</label>
<div class="buttons">
    <input type="submit" name="submit" id="submit" value="Submit" />
    <input type="reset" value="Clear" />
</div>
<div class="req_fields_text">
    * Required fields
</div>
</fieldset>
</form>
<?php
}
include "../footer.php";
$mysqli->close();
?>

```

8.2.1.9 add_sport.php

```

<?php
ob_start();
include "../header.php";
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
include("../php_functions/redirect.php");
include("../php_functions/stored_procedure_tools.php");
print('<body onload=document.add_sport.sport.focus()'>');
include "../middle.php";
//execute if submit button is pressed
if (isset($_POST['submit']) && $_POST['submit'] == "Submit") {
    //check that mandatory fields are not empty
    if (!empty($_POST['sport'])) {

        $sport = $mysqli->real_escape_string($_POST['sport']);

        $query = "CALL IsSport('$sport') ";

        if($mysqli->multi_query($query)) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    $rows = $result->num_rows;
                    $result->close();
                }
            } while($mysqli->next_result());
        }

        //check if the chosen sport is already in the database
        if ($rows != 0) {

            ?>

            <h2>Add new sport</h2>
            <p>
                <b><i>Same sport found from the database.<br />
                Please choose another.
            </i></b>
            </p>
            <form name="add_sport" id="add_sport"
                action="<?php echo $_SERVER['$PHP_SELF']; ?>"
                method="post" onreset="formReset(this); return false;">

```

```

        <fieldset>
            <label for="sport">
                Sport:
                <input type="text" name="sport" id="sport" /> *
            </label>
            <label for="description">
                Description:
                <br />
                <textarea name="description" id="description" rows="3"
                    cols="30"><?php echo trim($_POST['description']) ?></textarea>
            </label>
            <div class="buttons">
                <input type="submit" name="submit" id="submit"
                    value="Submit" />
                <input type="reset" value="Clear" />
            </div>
            <div class="req_fields_text">
                * Required fields
            </div>
        </fieldset>
    </form>

<?php
} else {
    //set optional fields to null if empty.
    //otherwise place post_variable as string.
    $description = prepare_optional($mysqli->real_escape_string(
        $_POST['description']));

    $query = "CALL InsertSport('$sport', $description)";

    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $result->close();
            }
        } while($mysqli->next_result());
    }

    redirect("./index.php", 301);
} else {
    ?>

    <h2>Add new sport</h2>
    <p>
        <b><i>Sport field is required.</i></b>
    </p>
    <form name="add_sport" id="add_sport"
        action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
        method="post" onreset="formReset(this); return false;">
        <fieldset>
            <label for="sport">
                Sport:
                <input type="text" name="sport" id="sport" /> *
            </label>
            <label for="description">
                Description:
                <br />
                <textarea name="description" id="description" rows="3"
                    cols="30"><?php echo trim($_POST['description']) ?></textarea>
            </label>
            <div class="buttons">
                <input type="submit" name="submit" id="submit" value="Submit" />
                <input type="reset" value="Clear" />
            </div>
            <div class="req_fields_text">
                * Required fields
            </div>
        </fieldset>
    </form>

    <?php
    }
} else {
    ?>

    <h2>Add new sport</h2>
    <form name="add_sport" id="add_sport"
        action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
        method="post" onreset="formReset(this); return false;">

```

```

        <fieldset>
            <label for="sport">
                Sport:
                <input type="text" name="sport" id="sport" /> *
            </label>
            <label for="description">
                Description:
                <br />
                <textarea name="description" id="description" rows="3"
                    cols="30"></textarea>
            </label>
            <div class="buttons">
                <input type="submit" name="submit" id="submit" value="Submit" />
                <input type="reset" value="Clear" />
            </div>
            <div class="req_fields_text">
                * Required fields
            </div>
        </fieldset>
    </form>

<?php
}
include "../footer.php";
mysqli->close();
?>

```

8.2.1.10 add_team.php

```

<?php
ob_start();
include "../header.php";
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
include("../php_functions/redirect.php");
print('<body onload="document.add_team.team.focus()">');
include "../middle.php";
//execute if submit button is pressed
if (isset($_POST['submit']) && $_POST['submit'] == "Submit") {
    //check that mandatory fields are not empty
    if (!empty($_POST['team']) && !empty($_POST['city']) && !empty($_POST['country']))
    {
        $team = mysqli->real_escape_string($_POST['team']);

        $query = "CALL IsTeam('$team')";

        if(mysqli->multi_query($query)) {
            do {
                $result = mysqli->store_result();
                if($result) {
                    $rows = $result->num_rows;
                    $result->close();
                }
            } while(mysqli->next_result());
        }

        //check if the chosen team is already in the database
        if ($rows != 0) {

            <h2>Add new team</h2>
            <p>
                <b><i>Same team found from the database.<br />
                Please choose another.
            </i></b>
            </p>
            <form name="add_team" id="add_team"
                action="<?php echo $_SERVER['PHP_SELF']; ?>"
                method="post" onreset="formReset(this); return false;">
                <fieldset>
                    <label for="team">
                        Team:
                        <input type="text" name="team" id="team"
                            value="<?php echo $_POST['team'] ?>"
                            style="width:200px" /> *
                    </label>

```

```

        <label for="city">
            City:
            <input type="text" name="city" id="city"
                value="<?php echo $_POST['city'] ?>" /> *
        </label>
        <label for="country">
            Country: <input type="text" name="country" id="country"
                value="<?php echo $_POST['country'] ?>" /> *
        </label>
        <div class="buttons">
            <input type="submit" name="submit" id="submit" value="Submit" />
            <input type="reset" value="Clear" />
        </div>
        <div class="req_fields_text">
            * Required fields
        </div>
    </fieldset>
</form>

<?php
    } else {

        $city = $mysqli->real_escape_string($_POST['city']);
        $country = $mysqli->real_escape_string($_POST['country']);

        $query = "CALL InsertTeam('$team', '$city', '$country')";

        if($mysqli->multi_query($query)) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    $result->close();
                }
            } while($mysqli->next_result());
        }

        redirect("./index.php", 301);
    }
} else {
    ?>

    <h2>Add new team</h2>
    <p>
        <b><i>Team, City and Country fields are required.</i></b>
    </p>
    <form name="add_team" id="add_team" action="<?php echo $_SERVER['$PHP_SELF']; ?>"
        method="post" onreset="formReset(this); return false;">
        <fieldset>
            <label for="team">
                Team:
                <input type="text" name="team" id="team"
                    value="<?php echo $_POST['team'] ?>"
                    style="width:200px" /> *
            </label>
            <label for="city">
                City:
                <input type="text" name="city" id="city"
                    value="<?php echo $_POST['city'] ?>" /> *
            </label>
            <label for="country">
                Country:
                <input type="text" name="country" id="country"
                    value="<?php echo $_POST['country'] ?>" /> *
            </label>
            <div class="buttons">
                <input type="submit" name="submit" id="submit" value="Submit" />
                <input type="reset" value="Clear" />
            </div>
            <div class="req_fields_text">
                * Required fields
            </div>
        </fieldset>
    </form>

    <?php
    }
} else {
    ?>

    <h2>Add new team</h2>
    <form name="add_team" id="add_team"
        action="<?php echo $_SERVER['$PHP_SELF']; ?>"

```

```

        method="post" onreset="formReset(this); return false;">
        <fieldset>
            <label for="team">
                Team:
                <input type="text" name="team" id="team"
                    style="width:200px" /> *
            </label>
            <label for="city">
                City:
                <input type="text" name="city" id="city" /> *
            </label>
            <label for="country">
                Country:
                <input type="text" name="country" id="country" /> *
            </label>
            <div class="buttons">
                <input type="submit" name="submit" id="submit" value="Submit" />
                <input type="reset" value="Clear" />
            </div>
            <div class="req_fields_text">
                * Required fields
            </div>
        </fieldset>
    </form>
<?php
}
include "../footer.php";
mysqli->close();
?>

```

8.2.1.11 auth_user.inc.php

```

<?php
ob_start();
session_start();
include "conn_auth.inc.php";
//compares username and password to database ones
$query = "Call CheckUserLogin('".$_SESSION['user_logged']. "',
    '".$_SESSION['user_password']. "')";

if(mysqli_multi_query($query)) {
    do {
        $result = mysqli_store_result();
        if($result) {
            $rows = $result->num_rows;
            $result->close();
        }
    } while(mysqli_next_result());
}

//if username and password don't match
if ($rows != 1) {
    $redirect = $_SERVER['PHP_SELF'];
    header("Refresh: 2; URL=user_login.php?redirect=$redirect");
    echo "You are currently not logged in so you are being redirected.<br>";
    echo "(If your browser doesn't support this, " .
    "<a href='\"user_login.php?redirect=$redirect\"'>click here</a>";
    die();
}
?>

```

8.2.1.12 backup.php

```

<?php
// This code was created by phpMyBackupPro v.2.1
// http://www.phpMyBackupPro.net
$_POST['db']=array("mysql", "phpmyadmin", "registration", "sportlog", );
$_POST['tables']="on";
$_POST['data']="on";
$_POST['drop']="on";
$_POST['zip']="gzip";

```



```
$period=(3600*24)*2;
$security_key="0c32f84a8ffd99b4c8afdbefed78cc9e";
// This is the relative path to the phpMyBackupPro v.2.1 directory
@chdir("../..phpMyBackupPro/");
@include("backup.php");
?>
```

8.2.1.13 conn_auth.inc.php

```
<?php
//allows execute rights only for 'registration'. 'CheckUserLogin' stored procedure.
$mysqli = new mysqli('localhost', 'login_checker',
    '8tKMmTjf7zExYChrKENEuuu002QJ5WT3CTMVHcJY1GGqH6vOxUtNlzpnynefHUT', 'registration');

if (mysqli_connect_errno()) {
    die ('Could not open a database connection: ' . mysqli_connect_error() .
        ' (' . mysqli_connect_errno() . ')');
}
?>
```

8.2.1.14 conn_login_attempt.inc.php

```
<?php
$mysqli = new mysqli('localhost', 'sportman',
    'HRx3FbkYpwAfM9xRi7tqLQ7RdJ8Inga8vIO57cGR6Kc5qhjOfe3TkB77LnLZRUX', 'registration');

if (mysqli_connect_errno()) {
    die ('Could not open a database connection: ' . mysqli_connect_error() .
        ' (' . mysqli_connect_errno() . ')');
}
?>
```

8.2.1.15 conn_reg.inc.php

```
<?php
$mysqli = new mysqli('localhost', 'reg',
    'NRHdNBVLS3QZPJsq5OCWkSCDt8c5gTJD6XhLlNM1GyIieYN8uT3dygBsPfw4OUU', 'registration');

if (mysqli_connect_errno()) {
    die ('Could not open a database connection: ' . mysqli_connect_error() .
        ' (' . mysqli_connect_errno() . ')');
}
?>
```

8.2.1.16 conn_sportlog.inc.php

```
<?php
$mysqli = new mysqli('localhost', 'sportman',
    'HRx3FbkYpwAfM9xRi7tqLQ7RdJ8Inga8vIO57cGR6Kc5qhjOfe3TkB77LnLZRUX', 'sportlog');

if (mysqli_connect_errno()) {
    die ('Could not open a database connection: ' . mysqli_connect_error() .
        ' (' . mysqli_connect_errno() . ')');
}
?>
```

8.2.1.17 delete_account.php

```
<?php
ob_start();
include "../header.php";
```

```

include "../auth_user.inc.php";
include "../conn_reg.inc.php";
include "../middle.php";
//execute if yes button pressed
if (isset($_POST['submit'])) && $_POST['submit'] == "Yes") {

    $query = "CALL DeleteAccount('".$_SESSION['user_logged']. "',
        '".$_SESSION['user_password']. "')";

    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $result->close();
            }
        } while($mysqli->next_result());
    }

    $mysqli->close();

    //set login variables to null
    $_SESSION['user_logged'] = "";
    $_SESSION['user_password'] = "";

    header("Refresh: 2; URL=index.php");
    echo "Your account has been deleted! You are being sent to the " .
    "home page!<br>";
    echo "(If your browser doesn't support this, " .
    "<a href='\"index.php\"'>click here</a>)" .
    "<br>";
    die();
} else {
    ?>

    <p>
        Are you sure you want to delete your account?<br />
        There is no way to retrieve your account once you confirm!<br />
    </p>

    <form action="<?php echo $_SERVER['$PHP_SELF']; ?>" method="post">
        <fieldset>
            <div class="buttons">
                <input type="submit" name="submit" id="submit" value="Yes" />
                <input type="button" value=" No " onclick="history.go(-1);" />
            </div>
        </fieldset>
    </form>

    <?php
}
include "../footer.php";
?>

```

8.2.1.18 delete_athlete.php

```

<?php
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
include("../php_functions/redirect.php");

if (isset($_POST['submit_del'])) {
    $person = $mysqli->real_escape_string($_POST['person']);

    $query = "CALL DeletePerson('$person')";

    $result = $mysqli->query($query)
        or die(mysqli_error($mysqli));
}
$_SESSION['selected_athlete'] = NULL;
$_SESSION['select_all'] = 1;
redirect($_POST['url']);
?>

```

8.2.1.19 delete_coach.php

```

<?php
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
include("../php_functions/redirect.php");

if (isset($_POST['submit_del'])) {
    $coach = $mysqli->real_escape_string($_POST['coach']);

    $query = "CALL DeleteCoach('$coach')";

    $result = $mysqli->query($query)
        or die(mysqli_error($mysqli));
}

redirect($_POST['url']);
?>

```

8.2.1.20 delete_equipment.php

```

<?php
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
include("../php_functions/redirect.php");

if (isset($_POST['submit_del'])) {
    $brand = $mysqli->real_escape_string($_POST['brand']);
    $model = $mysqli->real_escape_string($_POST['model']);
    $sport = $mysqli->real_escape_string($_POST['sport']);

    $query = "CALL DeleteEquipment('$brand', '$model', '$sport')";

    $result = $mysqli->query($query)
        or die(mysqli_error($mysqli));
}

redirect($_POST['url']);
?>

```

8.2.1.21 delete_exercise.php

```

<?php
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
include("../php_functions/redirect.php");

if (isset($_POST['submit_del'])) {
    $person = $mysqli->real_escape_string($_POST['person']);
    $date = $mysqli->real_escape_string($_POST['date']);
    $time = $mysqli->real_escape_string($_POST['time']);

    $query = "CALL DeleteExercise('$person', '$date', '$time')";

    $result = $mysqli->query($query)
        or die(mysqli_error($mysqli));
}

redirect($_POST['url']);
?>

```

8.2.1.22 delete_match.php

```

<?php
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
include("../php_functions/redirect.php");

if (isset($_POST['submit_del'])) {
    $match = $mysqli->real_escape_string($_POST['match']);

```

```

    $date = $mysqli->real_escape_string($_POST['date']);

    $query = "CALL DeleteMatch('$match', '$date')";

    $result = $mysqli->query($query)
        or die(mysqli_error($mysqli));
}

redirect($_POST['url']);
?>

```

8.2.1.23 delete_owned_equipment.php

```

<?php
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
include("../php_functions/redirect.php");

if (isset($_POST['submit_del'])) {
    $person = $mysqli->real_escape_string($_POST['person']);
    $brand = $mysqli->real_escape_string($_POST['brand']);
    $model = $mysqli->real_escape_string($_POST['model']);

    $query = "CALL DeleteOwnedEquipment('$person', '$brand', '$model')";

    $result = $mysqli->query($query)
        or die(mysqli_error($mysqli));
}
redirect($_POST['url']);
?>

```

8.2.1.24 delete_personal_coach.php

```

<?php
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
include("../php_functions/redirect.php");

if (isset($_POST['submit_del'])) {
    $coach = $mysqli->real_escape_string($_POST['coach']);
    $person = $mysqli->real_escape_string($_POST['person']);

    $query = "CALL DeletePersonalCoach('$coach', '$person')";

    $result = $mysqli->query($query)
        or die(mysqli_error($mysqli));
}

redirect($_POST['url']);
?>

```

8.2.1.25 delete_sport.php

```

<?php
ob_start();
include "../header.php";
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
include("../php_functions/redirect.php");
include "../middle.php";
if (isset($_POST['submit_del'])) {

    $sport = $mysqli->real_escape_string($_POST['sport']);

    //check how many exercises are found with chosen sport
    $query = "CALL GetExerciseWithSpecificSport('$sport')";

    if($mysqli->multi_query($query)) {

```

```

        do {
            $result = $mysqli->store_result();
            if($result) {
                $exercise_rows = $result->num_rows;
                $result->close();
            }
        } while($mysqli->next_result());
    }

    //check how many equipment are found with chosen sport
    $query = "CALL GetEquipmentWithSpecificSport('$sport')";

    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $equipment_rows = $result->num_rows;
                $result->close();
            }
        } while($mysqli->next_result());
    }

    //check how many matches are found with chosen sport
    $query = "CALL GetMatchesWithSpecificSport('$sport')";

    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $match_rows = $result->num_rows;
                $result->close();
            }
        } while($mysqli->next_result());
    }

    //can't delete sport if any exercises are found
    if ($exercise_rows==0 && $equipment_rows==0 && $match_rows==0) {
        $query = "CALL DeleteSport('$sport')";

        if($mysqli->multi_query($query)) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    $result->close();
                }
            } while($mysqli->next_result());
        }
        redirect($_POST['url']);
    } else {
        if ($exercise_rows!=0) {
            print "Can't delete sport, because exercises were found with chosen sport.  

                <br />";
            print "It's possible to delete sport after you have deleted exercises in  

                question.<br />";
            print "<a href='./show_all_exercises.php'>Click here</a> to see all  

                exercises<br /><br />";
        }
        if ($equipment_rows!=0) {
            print "Can't delete sport, because equipment were found with chosen sport.  

                <br />";
            print "It's possible to delete sport after you have deleted equipment in  

                question.<br />";
            print "<a href='./show_equipment.php'>Click here</a> to see all  

                equipment<br /><br />";
        }
        if ($match_rows!=0) {
            print "Can't delete sport, because matches were found with chosen sport.  

                <br />";
            print "It's possible to delete sport after you have deleted matches in  

                question.<br />";
            print "<a href='./show_matches.php'>Click here</a> to see all  

                matches<br /><br />";
        }
        print "<a href='" . $_POST['url'] . "'>Click here</a> to go back";
    }
}

include "./footer.php";
$mysqli->close();

```

```
?>
```

8.2.1.26 delete_team.php

```
<?php
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
include("../php_functions/redirect.php");

if (isset($_POST['submit_del'])) {
    $team = $mysqli->real_escape_string($_POST['team']);

    $query = "CALL DeleteTeam('$team')";

    $result = $mysqli->query($query)
        or die(mysqli_error($mysqli));
}

redirect($_POST['url']);
?>
```

8.2.1.27 edit_athlete.php

```
<?php
session_start();
ob_start();
include "../header.php";
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
include("../php_functions/redirect.php");
include("../php_functions/stored_procedure_tools.php");
print ('<body onload="document.edit_athlete.person.focus()">');
include "../middle.php";
if (isset($_POST['submit_edit'])) {
    $_SESSION['person_edit'] = $mysqli->real_escape_string($_POST['person']);
    $_SESSION['url'] = $mysqli->real_escape_string($_POST['url']);
}

//execute if submit button is pressed
if (isset($_POST['submit']) && $_POST['submit'] == "Submit") {
    //check that mandatory fields are not empty
    if (!empty($_POST['person'])) {

        $person = $mysqli->real_escape_string($_POST['person']);

        $query = "CALL IsPerson('$person')";

        if($mysqli->multi_query($query)) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    $rows = $result->num_rows;
                    $result->close();
                }
            } while($mysqli->next_result());
        }

        function IsSameAthlete() {
            global $person;
            $comp1 = strcmp($person, $_SESSION['person_edit']);
            if ($comp1 == 0) {
                return true;
            } else {
                return false;
            }
        }

        //check if the chosen name is already taken. It can be the same old name.
        if ($rows != 0 && IsSameAthlete() == false) {

            <h2>Edit athlete</h2>
            <p>
```

```

        <b><i>Same athlete found from the database.<br />
        Please choose another.
    </i></b>
</p>
<form name="edit_athlete" id="edit_athlete"
    action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
    method="post" onreset="formReset(this); return false;" >
    <fieldset>
        <label for="person">
            Person:
            <input type="text" name="person" id="person"
                style="width:250px" /> *
        </label>
        <label for="weight">
            Weight:
            <input type="text" name="weight" id="weight"
                value="<?php echo $_POST['weight']; ?>" />
        </label>
        <label for="height">
            Height:
            <input type="text" name="height" id="height"
                value="<?php echo $_POST['height']; ?>" />
        </label>
        <label for="birthdate">
            Birthdate:
            <select name="month" id="month">
                <option value="<?php echo $_POST['month']; ?>">
                    <?php echo $_POST['month']; ?></option>
                <option value="">month</option>
                <?php
                for ($i=1; $i<13; $i++) {
                    <?>
                    <option value="<?php echo $i; ?>"><?php echo $i; ?>
                    </option>
                <?php
                }
                <?>
            </select>
            <select name="day" id="day">
                <option value="<?php echo $_POST['day']; ?>">
                    <?php echo $_POST['day']; ?></option>
                <option value="">day</option>
                <?php
                for ($i=1; $i<32; $i++) {
                    <?>
                    <option value="<?php echo $i; ?>"><?php echo $i; ?>
                    </option>
                <?php
                }
                <?>
            </select>
            <select name="year" id="year">
                <option value="<?php echo $_POST['year']; ?>">
                    <?php echo $_POST['year']; ?></option>
                <option value="">year</option>
                <?php
                for ($i=1900; $i<=date('Y'); $i++) {
                    <?>
                    <option value="<?php echo $i; ?>"><?php echo $i; ?>
                    </option>
                <?php
                }
                <?>
            </select>
        </label>
        <label for="rest_hr">
            Resting heartrate:
            <input type="text" name="rest_hr" id="rest_hr"
                value="<?php echo $_POST['rest_hr']; ?>" />
        </label>
        <label for="max_hr">
            Max heartrate:
            <input type="text" name="max_hr" id="max_hr"
                value="<?php echo $_POST['max_hr']; ?>" />
        </label>
        <label for="blood_pres_sys">
            Blood pressure systolic:
            <input type="text" name="blood_pres_sys" id="blood_pres_sys"

```

```

        value="<?php echo $_POST['blood_pres_sys']; ?>" />
    </label>
    <label for="blood_pres_dias">
        Blood pressure diastolic:
        <input type="text" name="blood_pres_dias" id="blood_pres_dias"
            value="<?php echo $_POST['blood_pres_dias']; ?>" />
    </label>
    <label for="team">
        Team:
        <select name="team" id="team">
            <option value="<?php echo $_POST['team']; ?>">
                <?php echo $_POST['team']; ?></option>
            <option value="">-----</option>
            <?php
                if($mysqli->multi_query('CALL GetTeams()')) {
                    do {
                        $result = $mysqli->store_result();
                        if($result) {
                            while ($row = $result->fetch_array()) {
                                ?>
                                <option value="<?php echo
                                    <?php echo $row['Team']; ?
                                <?php
                            }
                            $result->close();
                        }
                    } while($mysqli->next_result());
                }
            ?>
        </select>
    </label>
    <div class="buttons">
        <input type="submit" name="submit" id="submit" value="Submit" />
        <input type="reset" value="Clear" />
    </div>
    <div class="req_fields_text">
        * Required fields
    </div>
</fieldset>
</form>

<?php
} else {
    //create birthdate as date format if day, month and year is chosen.
    if (!empty($_POST['month']) && !empty($_POST['day'])
        && !empty($_POST['year'])) {
        $birthdate = $mysqli->real_escape_string($_POST['year']) . "-" .
            $mysqli->real_escape_string($_POST['month']) .
            "-" . $mysqli->real_escape_string($_POST['day']);
        $birthdate = "'$birthdate'";
    } else {
        $birthdate = "NULL";
    }

    //set fields to null if empty.
    //otherwise place post_variable as string.
    $weight = prepare_optional($mysqli->real_escape_string($_POST['weight']));
    $height = prepare_optional($mysqli->real_escape_string($_POST['height']));
    $rest_hr = prepare_optional($mysqli->real_escape_string($_POST['rest_hr']));
    $max_hr = prepare_optional($mysqli->real_escape_string($_POST['max_hr']));
    $blood_pres_sys = prepare_optional($mysqli->real_escape_string(
        $_POST['blood_pres_sys']));
    $blood_pres_dias = prepare_optional($mysqli->real_escape_string(
        $_POST['blood_pres_dias']));
    $team = prepare_optional($mysqli->real_escape_string($_POST['team']));

    $query = "CALL EditPerson('".$_SESSION['person_edit']. "',
        '$person', $weight, $height, $birthdate, $rest_hr, $max_hr,
        $blood_pres_sys, $blood_pres_dias, $team)";

    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $result->close();
            }
        } while($mysqli->next_result());
    }
}

```



```

    }

    redirect($_SESSION['url'], 301);

} else {
    ?>

    <h2>Edit athlete</h2>
    <p><b>The person name is required!</b></p>
    <form name="edit_athlete" id="edit_athlete"
        action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
        method="post" onreset="formReset(this); return false;">
        <fieldset>
            <label for="person">
                Person:
                <input type="text" name="person" id="person"
                    style="width:250px" /> *
            </label>
            <label for="weight">
                Weight:
                <input type="text" name="weight" id="weight"
                    value="<?php echo $_POST['weight']; ?>" />
            </label>
            <label for="height">
                Height:
                <input type="text" name="height" id="height"
                    value="<?php echo $_POST['height']; ?>" />
            </label>
            <label for="birthdate">
                Birthdate:
                <select name="month" id="month">
                    <option value="<?php echo $_POST['month']; ?>">
                        <?php echo $_POST['month']; ?></option>
                    <option value="">month</option>
                    <?php
                        for ($i=1; $i<13; $i++) {
                            ?>
                            <option value="<?php echo $i; ?>"><?php echo $i; ?>
                            </option>
                        }
                    </select>
                    <select name="day" id="day">
                        <option value="<?php echo $_POST['day']; ?>">
                            <?php echo $_POST['day']; ?></option>
                        <option value="">day</option>
                        <?php
                            for ($i=1; $i<32; $i++) {
                                ?>
                                <option value="<?php echo $i; ?>"><?php echo $i; ?>
                                </option>
                            }
                        </select>
                        <select name="year" id="year">
                            <option value="<?php echo $_POST['year']; ?>">
                                <?php echo $_POST['year']; ?></option>
                            <option value="">year</option>
                            <?php
                                for ($i=1900; $i<=date('Y'); $i++) {
                                    ?>
                                    <option value="<?php echo $i; ?>"><?php echo $i; ?>
                                    </option>
                                }
                            </select>
                        </label>
                        <label for="rest_hr">
                            Resting heartrate:
                            <input type="text" name="rest_hr" id="rest_hr"
                                value="<?php echo $_POST['rest_hr']; ?>" />
                        </label>
                        <label for="max_hr">
                            Max heartrate:
                            <input type="text" name="max_hr" id="max_hr"
                                value="<?php echo $_POST['max_hr']; ?>" />

```

```

        </label>
        <label for="blood_pres_sys">
            Blood pressure systolic:
            <input type="text" name="blood_pres_sys" id="blood_pres_sys"
                value="<?php echo $_POST['blood_pres_sys']; ?>" />
        </label>
        <label for="blood_pres_dias">
            Blood pressure diastolic:
            <input type="text" name="blood_pres_dias" id="blood_pres_dias"
                value="<?php echo $_POST['blood_pres_dias']; ?>" />
        </label>
        <label for="team">
            Team:
            <select name="team" id="team">
                <option value="<?php echo $_POST['team']; ?>">
                    <?php echo $_POST['team']; ?></option>
                <option value="">-----</option>
                <?php
                    if($mysqli->multi_query('CALL GetTeams()')) {
                        do {
                            $result = $mysqli->store_result();
                            if($result) {
                                while ($row = $result->fetch_array()) {
                                    ?>
                                    <option value="<?php echo $row['Team'];
                                        <?php echo $row['Team']; ?></option>
                                    <?php
                                }
                                $result->close();
                            }
                        } while($mysqli->next_result());
                    }
                </select>
            </label>
            <div class="buttons">
                <input type="submit" name="submit" id="submit" value="Submit" />
                <input type="reset" value="Clear" />
            </div>
            <div class="req_fields_text">
                * Required fields
            </div>
        </fieldset>
    </form>

    <?php
    }
} else {
    $query = "CALL GetOnePersonInfo('".$_SESSION['person_edit']."' )";
    //get old values and save to variables
    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $row = $result->fetch_array();
                $person_old = $row['Person'];
                $weight_old = $row['Weight'];
                $height_old = $row['Height'];
                $birthdate_old = $row['Birthdate'];
                $month_old = substr($birthdate_old, 5, 2);
                $day_old = substr($birthdate_old, 8, 2);
                $year_old = substr($birthdate_old, 0, 4);
                $restthr_old = $row['RestHR'];
                $maxhr_old = $row['MaxHR'];
                $blood_pres_sys_old = $row['Blood Pressure Systolic'];
                $blood_pres_dias_old = $row['Blood Pressure Diastolic'];
                $team_old = $row['Team'];
                $result->close();
            }
        } while($mysqli->next_result());
    }
}

?>

<h2>Edit athlete</h2>
<form name="edit_athlete" id="edit_athlete"
    action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
    method="post" onreset="formReset(this); return false;">
    <fieldset>

```

```

<label for="person">
    Person:
    <input type="text" name="person" id="person"
        value="<?php echo $person_old ?>"
        style="width:250px" /> *
</label>
<label for="weight">
    Weight:
    <input type="text" name="weight" id="weight"
        value="<?php echo $weight_old ?>" />
</label>
<label for="height">
    Height:
    <input type="text" name="height" id="height"
        value="<?php echo $height_old ?>" />
</label>
<label for="birthdate">
    Birthdate:
    <select name="month" id="month">
        <option value="<?php echo $month_old ?>">
            <?php echo $month_old ?></option>
        <option value="">month</option>
        <?php
        for ($i=1; $i<13; $i++) {
            ?>
            <option value="<?php echo $i; ?>"><?php echo $i; ?>
            </option>
            <?php
        }
        ?>
    </select>
    <select name="day" id="day">
        <option value="<?php echo $day_old ?>">
            <?php echo $day_old ?></option>
        <option value="">day</option>
        <?php
        for ($i=1; $i<32; $i++) {
            ?>
            <option value="<?php echo $i; ?>"><?php echo $i; ?>
            </option>
            <?php
        }
        ?>
    </select>
    <select name="year" id="year">
        <option value="<?php echo $year_old ?>">
            <?php echo $year_old ?></option>
        <option value="">year</option>
        <?php
        for ($i=1900; $i<=date('Y'); $i++) {
            ?>
            <option value="<?php echo $i; ?>"><?php echo $i; ?>
            </option>
            <?php
        }
        ?>
    </select>
</label>
<label for="rest_hr">
    Resting heartrate:
    <input type="text" name="rest_hr" id="rest_hr"
        value="<?php echo $resthr_old ?>" />
</label>
<label for="max_hr">
    Max heartrate:
    <input type="text" name="max_hr" id="max_hr"
        value="<?php echo $maxhr_old ?>" />
</label>
<label for="blood_pres_sys">
    Blood pressure systolic:
    <input type="text" name="blood_pres_sys" id="blood_pres_sys"
        value="<?php echo $blood_pres_sys_old ?>" />
</label>
<label for="blood_pres_dias">
    Blood pressure diastolic:
    <input type="text" name="blood_pres_dias" id="blood_pres_dias"
        value="<?php echo $blood_pres_dias_old ?>" />
</label>

```

```

<label for="team">
    Team:
    <select name="team" id="team">
        <option value="<?php echo $team_old ?>">
            <?php echo $team_old ?></option>
        <option value="">-----</option>
        <?php
        if($mysqli->multi_query('CALL GetTeams()')) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    while ($row = $result->fetch_array()) {
                        ?>
                        <option value="<?php echo $row['Team']; ?>">
                            <?php echo $row['Team']; ?></option>
                        <?php
                    }
                    $result->close();
                }
            } while($mysqli->next_result());
        }
        ?>
    </select>
</label>
<div class="buttons">
    <input type="submit" name="submit" id="submit" value="Submit" />
    <input type="reset" value="Clear" />
</div>
<div class="req_fields_text">
    * Required fields
</div>
</fieldset>
</form>
<?php
}
include "../footer.php";
$mysqli->close();
?>

```

8.2.1.28 edit_coach.php

```

<?php
session_start();
ob_start();
include "../header.php";
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
include("../php_functions/redirect.php");
include("../php_functions/stored_procedure_tools.php");
print('<body onload="document.edit_coach.coach.focus()">');
include "../middle.php";
if (isset($_POST['submit_edit'])) {
    $_SESSION['coach_edit'] = $mysqli->real_escape_string($_POST['coach']);
    $_SESSION['url'] = $mysqli->real_escape_string($_POST['url']);
}
//execute if submit button is pressed
if (isset($_POST['submit']) && $_POST['submit'] == "Submit") {
    //check that mandatory fields are not empty
    if (!empty($_POST['coach']) && !empty($_POST['tel'])) {

        $coach = $mysqli->real_escape_string($_POST['coach']);

        $query = "CALL IsCoach('$coach') ";

        if($mysqli->multi_query($query)) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    $rows = $result->num_rows;
                    $result->close();
                }
            } while($mysqli->next_result());
        }
    }
}

```

```

function IsSameCoach() {
    global $coach;
    $comp1 = strcmp($coach, $_SESSION['coach_edit']);
    if ($comp1 == 0) {
        return true;
    } else {
        return false;
    }
}

/* check if the chosen coach is already in the database.
 * primary key fields can be same while editing.
 */
if ($rows != 0 && IsSameCoach() == false) {

    <h2>Edit coach</h2>
    <p>
        <b><i>Same coach found from the database.<br />
        Please choose another.
        </i></b>
    </p>
    <form name="edit_coach" id="edit_coach"
        action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
        method="post" onreset="formReset(this); return false;">
        <fieldset>
            <label for="coach">
                Coach:
                <input type="text" name="coach" id="coach"
                    value="<?php echo $_POST['coach']; ?>"
                    style="width:250px" /> *
            </label>
            <label for="tel">
                Tel:
                <input type="text" name="tel" id="tel"
                    value="<?php echo $_POST['tel']; ?>"
                    style="width:200px" /> *
            </label>
            <label for="team">
                Team:
                <select name="team" id="tel">
                    <option value="<?php echo $_POST['team']; ?>">
                        <?php echo $_POST['team']; ?></option>
                    <option value="">Select</option>
                    <?php
                        if($mysqli->multi_query('CALL GetTeams()')) {
                            do {
                                $result = $mysqli->store_result();
                                if($result) {
                                    while ($row = $result->fetch_array()) {
                                        <?php echo
                                            <?php echo $row['Team']; ?
                                        <?php
                                    }
                                    $result->close();
                                }
                            } while($mysqli->next_result());
                        }
                    </?php>
                </select>
            </label>
            <div class="buttons">
                <input type="submit" name="submit" id="submit" value="Submit" />
                <input type="reset" value="Clear" />
            </div>
            <div class="req_fields_text">
                * Required fields
            </div>
        </fieldset>
    </form>

    <?php
} else {
    //set fields to null if empty.
    //otherwise place post_variable as string.
    $team = prepare_optional($mysqli->real_escape_string($_POST['team']));

```

```

        $tel = $mysqli->real_escape_string($_POST['tel']);

        $query = "CALL EditCoach('".$_SESSION['coach_edit']."' ,
            '$coach', '$tel', $team)";

        if($mysqli->multi_query($query)) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    $result->close();
                }
            } while($mysqli->next_result());

            redirect($_SESSION['url'], 301);
        } else {
            ?>

            <h2>Edit coach</h2>
            <p>
                <b><i>Coach and Tel fields are required.</i></b>
            </p>
            <form name="edit_coach" id="edit_coach"
                action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
                method="post" onreset="formReset(this); return false;">
                <fieldset>
                    <label for="coach">
                        Coach:
                        <input type="text" name="coach" id="coach"
                            value="<?php echo $_POST['coach'] ?>"
                            style="width:250px" /> *
                    </label>
                    <label for="tel">
                        Tel:
                        <input type="text" name="tel" id="tel"
                            value="<?php echo $_POST['tel'] ?>"
                            style="width:200px" /> *
                    </label>
                    <label for="team">
                        Team:
                        <select name="team" id="team">
                            <option value="<?php echo $_POST['team'] ?>">
                                <?php echo $_POST['team'] ?></option>
                            <option value="">Select</option>
                            <?php
                                if($mysqli->multi_query('CALL GetTeams()')) {
                                    do {
                                        $result = $mysqli->store_result();
                                        if($result) {
                                            while ($row = $result->fetch_array()) {
                                                ?>
                                                <option value="<?php echo $row['Team'];
                                                    <?php echo $row['Team']; ?></option>

                                                    <?php
                                                }
                                                $result->close();
                                            }
                                        } while($mysqli->next_result());
                                    }
                                ?>
                            </select>
                        </label>
                        <div class="buttons">
                            <input type="submit" name="submit" id="submit" value="Submit" />
                            <input type="reset" value="Clear" />
                        </div>
                        <div class="req_fields_text">
                            * Required fields
                        </div>
                    </fieldset>
                </form>

            <?php
        }
    } else {
        $query = "CALL GetCoach('".$_SESSION['coach_edit']."' . '')";
        //get old values and save to variables

```

```

if($mysqli->multi_query($query)) {
    do {
        $result = $mysqli->store_result();
        if($result) {
            $row = $result->fetch_array();
            $coach_old = $row['Coach'];
            $tel_old = $row['Tel'];
            $team_old = $row['Team'];
            $result->close();
        }
    } while($mysqli->next_result());
}

?>

<h2>Edit coach</h2>
<form name="edit_coach" id="edit_coach"
    action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
    method="post" onreset="formReset(this); return false;">
    <fieldset>
        <label for="coach">
            Coach:
            <input type="text" name="coach" id="coach"
                value="<?php echo $coach_old; ?>"
                style="width:250px" /> *
        </label>
        <label for="tel">
            Tel:
            <input type="text" name="tel" id="tel"
                value="<?php echo $tel_old; ?>"
                style="width:200px" /> *
        </label>
        <label for="team">
            Team:
            <select name="team" id="team">
                <option value="<?php echo $team_old; ?>">
                    <?php echo $team_old; ?></option>
                <option value="">Select</option>
                <?php
                    if($mysqli->multi_query('CALL GetTeams()')) {
                        do {
                            $result = $mysqli->store_result();
                            if($result) {
                                while ($row = $result->fetch_array()) {
                                    ?>
                                    <option value="<?php echo $row['Team']; ?>">
                                        <?php echo $row['Team']; ?></option>
                                    <?php
                                }
                                $result->close();
                            }
                        } while($mysqli->next_result());
                    }
                </select>
            </label>
            <div class="buttons">
                <input type="submit" name="submit" id="submit" value="Submit" />
                <input type="reset" value="Clear" />
            </div>
            <div class="req_fields_text">
                * Required fields
            </div>
        </fieldset>
    </form>

<?php
}
include "../footer.php";
$mysqli->close();
?>

```

8.2.1.29 edit_equipment.php

```

<?php
session_start();

```

```

ob_start();
include "../header.php";
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
include("../php_functions/redirect.php");
include("../php_functions/stored_procedure_tools.php");
print('<body onload="document.edit_equipment.brand.focus()">');
include "../middle.php";
if (isset($_POST['submit_edit'])) {
    $_SESSION['brand_edit'] = $mysqli->real_escape_string($_POST['brand']);
    $_SESSION['model_edit'] = $mysqli->real_escape_string($_POST['model']);
    $_SESSION['url'] = $mysqli->real_escape_string($_POST['url']);
}
//execute if submit button is pressed
if (isset($_POST['submit']) && $_POST['submit'] == "Submit") {
    //check that mandatory fields are not empty
    if (!empty($_POST['brand']) && !empty($_POST['model']) && !empty($_POST['sport']))
    {
        $brand = $mysqli->real_escape_string($_POST['brand']);
        $model = $mysqli->real_escape_string($_POST['model']);

        $query = "CALL IsEquipment('$brand', '$model') ";

        if($mysqli->multi_query($query)) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    $rows = $result->num_rows;
                    $result->close();
                }
            } while($mysqli->next_result());
        }

        function IsSameEquipment() {
            global $brand, $model;
            $comp1 = strcmp($brand, $_SESSION['brand_edit']);
            $comp2 = strcmp($model, $_SESSION['model_edit']);
            if ($comp1 == 0 && $comp2 == 0) {
                return true;
            } else {
                return false;
            }
        }

        /* check if the chosen equipment is already in the database.
        * primary key fields can be same while editing.
        */
        if ($rows != 0 && IsSameEquipment() == false) {

?>

<h2>Edit equipment</h2>
<p>
    <b><i>Same equipment found from the database.<br />
    Please choose another.
</i></b>
</p>
<form name="edit_equipment" id="edit_equipment"
    action="<?php echo $_SERVER['PHP_SELF']; ?>"
    method="post" onreset="formReset(this); return false;">
    <fieldset>
        <label for="brand">
            Brand:
            <input type="text" name="brand" id="brand"
                value="<?php echo $_POST['brand'] ?>"
                style="width:250px" /> *
        </label>
        <label for="model">
            Model:
            <input type="text" name="model" id="model"
                value="<?php echo $_POST['model'] ?>"
                style="width:250px" /> *
        </label>
        <label for="sport">
            Sport:
            <select name="sport" id="sport">
                <option value="<?php echo $_POST['sport'] ?>">
                    <?php echo $_POST['sport'] ?></option>
                <option value="">Select</option>
            </select>
            <?php

```



```

        if($mysqli->multi_query('Call GetSports()')) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    while ($row = $result->fetch_array()) {
                        ?>
                        <option value="
                            <?php echo

                                <?php echo $row['Sport']; ?

                                <?php

                            }
                            $result->close();
                        }
                    } while($mysqli->next_result());
                }
            } ?>
        </select> *
    </label>
    <label for="notes">
    Notes:
    <textarea name="notes" id="notes" rows="3"
        cols="30"><?php echo trim($_POST['notes']) ?></textarea>
    </label>
    <div class="buttons">
        <input type="submit" name="submit" id="submit"
            value="Submit" />
        <input type="reset" value="Clear" />
    </div>
    <div class="req_fields_text">
        * Required fields
    </div>
</fieldset>
</form>

<?php
} else {
    //set fields to null if empty.
    //otherwise place post_variable as string.
    $notes = prepare_optional($mysqli->real_escape_string($_POST['notes']));
    $sport = $mysqli->real_escape_string($_POST['sport']);

    $query = "CALL EditEquipment('".$_SESSION['brand_edit']."',
        '".$_SESSION['model_edit']."', '$brand', '$model',
        '$sport', $notes)";

    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $result->close();
            }
        } while($mysqli->next_result());
    }

    redirect($_SESSION['url'], 301);
}
} else {
    ?>

    <h2>Edit equipment</h2>
    <p>
        <b><i>Brand, Model and Sport fields are required.</i></b>
    </p>
    <form name="edit_equipment" id="edit_equipment"
        action="<?php echo $_SERVER['PHP_SELF']; ?>"
        method="post" onreset="formReset(this); return false;">
    <fieldset>
        <label for="brand">
            Brand:
            <input type="text" name="brand" id="brand"
                value="<?php echo $_POST['brand'] ?>"
                style="width:250px" /> *
        </label>
        <label for="model">
            Model:
            <input type="text" name="model" id="model"
                value="<?php echo $_POST['model'] ?>"
                style="width:250px" /> *

```

```

        </label>
        <label for="sport">
            Sport:
            <select name="sport" id="sport">
                <option value="<?php echo $_POST['sport'] ?>">
                    <?php echo $_POST['sport'] ?></option>
                <option value="">Select</option>
            <?php
            if($mysqli->multi_query('Call GetSports()')) {
                do {
                    $result = $mysqli->store_result();
                    if($result) {
                        while ($row = $result->fetch_array()) {
                            <?php echo $row['Sport']; ?></option>
                        <?php
                    }
                    $result->close();
                } while($mysqli->next_result());
            }
            </select> *
        </label>
        <label for="notes">
            Notes:
            <textarea name="notes" id="notes" rows="3"
                cols="30"><?php echo trim($_POST['notes']) ?></textarea>
        </label>
        <div class="buttons">
            <input type="submit" name="submit" id="submit" value="Submit" />
            <input type="reset" value="Clear" />
        </div>
        <div class="req_fields_text">
            * Required fields
        </div>
    </fieldset>
</form>

<?php
}
} else {
    $query = "CALL GetEquipment('".$_SESSION['brand_edit']. "',
        '".$_SESSION['model_edit']. "')";
    //get old values and save to variables
    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $row = $result->fetch_array();
                $brand_old = $row['Brand'];
                $model_old = $row['Model'];
                $sport_old = $row['Sport'];
                $notes_old = $row['Notes'];
                $result->close();
            }
        } while($mysqli->next_result());
    }

    <h2>Edit equipment</h2>
    <form name="edit_equipment" id="edit_equipment"
        action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
        method="post" onreset="formReset(this); return false;">
        <fieldset>
            <label for="brand">
                Brand:
                <input type="text" name="brand" id="brand"
                    value="<?php echo $brand_old; ?>"
                    style="width:250px" /> *
            </label>
            <label for="model">
                Model:
                <input type="text" name="model" id="model"
                    value="<?php echo $model_old; ?>"
                    style="width:250px" /> *
            </label>

```

```

<label for="sport">
    Sport:
    <select name="sport" id="sport">
        <option value="<?php echo $sport_old; ?>"><?php echo $sport_old; ?>
        </option>
        <option value="">Select</option>
    <?php
    if($mysqli->multi_query('Call GetSports()')) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                while ($row = $result->fetch_array()) {
                    ?>
                    <option value="<?php echo $row['Sport']; ?>">
                        <?php echo $row['Sport']; ?></option>
                    <?php
                }
                $result->close();
            }
        } while($mysqli->next_result());
    }
    ?>
    </select> *
</label>
<label for="notes">
    Notes:
    <textarea name="notes" id="notes" rows="3"
        cols="30"><?php echo $notes_old; ?></textarea>
</label>
<div class="buttons">
    <input type="submit" name="submit" id="submit" value="Submit" />
    <input type="reset" value="Clear" />
</div>
<div class="req_fields_text">
    * Required fields
</div>
</fieldset>
</form>
<?php
}
include "../footer.php";
$mysqli->close();
?>

```

8.2.1.30 edit_exercise.php

```

<?php
session_start();
ob_start();
include "../header.php";
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
include("../php_functions/redirect.php");
include("../php_functions/stored_procedure_tools.php");
print ('<body onload="document.edit_exercise.person.focus()">');
include "../middle.php";
if (isset($_POST['submit_edit'])) {
    $_SESSION['person_edit'] = $mysqli->real_escape_string($_POST['person']);
    $_SESSION['date_edit'] = $mysqli->real_escape_string($_POST['date']);
    $_SESSION['time_edit'] = $mysqli->real_escape_string($_POST['time']);
    $_SESSION['url'] = $mysqli->real_escape_string($_POST['url']);
}
//execute if submit button is pressed
if (isset($_POST['submit']) && $_POST['submit'] == "Submit") {
    //check that mandatory fields are not empty
    //it is enough that one of hours, minutes or seconds fields is selected
    if (!empty($_POST['person']) && !empty($_POST['year']) &&
        !empty($_POST['month']) && !empty($_POST['day']) &&
        (!empty($_POST['hours']) || !empty($_POST['minutes']) ||
        !empty($_POST['seconds'])) && !empty($_POST['sport'])) {

        //form date
        //escape strings
    }
}

```

```

$year = $mysqli->real_escape_string($_POST['year']);
$month = $mysqli->real_escape_string($_POST['month']);
$day = $mysqli->real_escape_string($_POST['day']);
//form date format
$date = "{$year}-{$month}-{$day}";

/* If ExerciseTime's hours, minutes or seconds field is not selected
 * the variable in question gets value zero. Otherwise ExerciseTime saved to
 * the MySQL database would be incorrect. For instance one hour would become
 * one second. That's because MySQL time format ignores white spaces.
 */
$hours = prepare_timedate($mysqli->real_escape_string($_POST['hours']));
$minutes = prepare_timedate($mysqli->real_escape_string($_POST['minutes']));
$seconds = prepare_timedate($mysqli->real_escape_string($_POST['seconds']));

//form time
$time = "{$hours}:{minutes}:{seconds}";

$person = $mysqli->real_escape_string($_POST['person']);

$query = "CALL IsExercise('$person', '$date', '$time') ";

if($mysqli->multi_query($query)) {
    do {
        $result = $mysqli->store_result();
        if($result) {
            $rows = $result->num_rows;
            $result->close();
        }
    } while($mysqli->next_result());
}

//Compare former and new strings for person, date and time fields.
//It ensures that we are just editing exercise, not creating new.
function IsSameExercise() {
    global $person, $date, $time;
    $comp1 = strcmp($person, $_SESSION['person_edit']);
    $comp2 = strcmp($date, $_SESSION['date_edit']);
    $comp3 = strcmp($time, $_SESSION['time_edit']);
    if ($comp1 == 0 && $comp2 == 0 && $comp3 == 0) {
        return true;
    } else {
        return false;
    }
}

/* check if an exercise with same person, date, time is
 * already in the database. These values combine T_Exercises
 * table's primary key. Primary key fields can be same while
 * editing.
 */
if ($rows != 0 && IsSameExercise() == false) {

    <h2>Edit exercise</h2>
    <p>
        <b><i>Same exercise found from the database.<br />
        Please choose another.
        </i></b>
    </p>
    <form name="edit_exercise" id="edit_exercise"
        action="<?php echo $_SERVER['$PHP_SELF']; ?>"
        method="post" onreset="formReset(this); return false;">
        <fieldset>
            <label for="person">
                Person:
                <select name="person" id="person">
                    <option value="<?php echo $_POST['person'] ?>">
                        <?php echo $_POST['person'] ?></option>
                    <option value="">Select</option>
                    <?php
                        if($mysqli->multi_query('CALL GetPersons()')) {
                            do {
                                $result = $mysqli->store_result();
                                if($result) {
                                    while ($row = $result->fetch_array()) {
                                        <?>
                                        <option
                                            value="<?php echo

```

```

$row['Person']; ?>">

<?php echo $row['Person']; ?></

option>

<?php
    }
    $result->close();
}
} while($mysqli->next_result());
}
?>
</select> *
</label>
<label for="date">
    Date:
    <select name="month" id="month">
        <option value="<?php echo $_POST['month'] ?>">
            <?php echo $_POST['month'] ?></option>
        <option value="">month</option>
        <?php
        for ($i=1; $i<13; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>

            <?php
        }
        ?>
    </select>
    <select name="day" id="day">
        <option value="<?php echo $_POST['day'] ?>">
            <?php echo $_POST['day'] ?></option>
        <option value="">day</option>
        <?php
        for ($i=1; $i<32; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>

            <?php
        }
        ?>
    </select>
    <select name="year" id="year">
        <option value="<?php echo $_POST['year'] ?>">
            <?php echo $_POST['year'] ?></option>
        <option value="">year</option>
        <?php
        for ($i=date('Y'); $i>=1990; $i--) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>

            <?php
        }
        ?>
    </select> *
</label>
<label for="time">
    Time:
    <select name="hours" id="hours">
        <option value="<?php echo $_POST['hours'] ?>">
            <?php echo $_POST['hours'] ?></option>
        <option value="">hours</option>
        <?php
        for ($i=0; $i<24; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>

            <?php
        }
        ?>
    </select>
    <select name="minutes" id="minutes">
        <option value="<?php echo $_POST['minutes'] ?>">
            <?php echo $_POST['minutes'] ?></option>
        <option value="">min</option>
        <?php

```

```

        for ($i=0; $i<60; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>

            <?php
        }
        ?>
    </select>
    <select name="seconds" id="seconds">
        <option value="<?php echo $_POST['seconds'] ?>">
            <?php echo $_POST['seconds'] ?></option>
        <option value="">sec</option>
        <?php
        for ($i=0; $i<60; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>

            <?php
        }
        ?>
    </select> *
</label>
<label for="sport">
    Sport:
    <select name="sport" id="sport">
        <option value="<?php echo $_POST['sport'] ?>">
            <?php echo $_POST['sport'] ?></option>
        <option value="">Select</option>
        <?php
        if($mysqli->multi_query('CALL GetSports()')) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    while ($row = $result->fetch_array()) {
                        ?>
                        <option
                            value="<?php echo
                                <?php echo $row['Sport']; ?
                                <?php
                    }
                    $result->close();
                }
            } while($mysqli->next_result());
        }
        ?>
    </select> *
</label>
<label for="equipment_brand">
    Equipment brand:
    <select name="equipment_brand" id="equipment_brand"
        onchange="show_models(this.value)" >
        <option value="<?php echo $_POST['equipment_brand'] ?>">
            <?php echo $_POST['equipment_brand'] ?></option>
        <option value="">-----</option>
        <?php
        if($mysqli->multi_query('CALL GetEquipmentBrands()')) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    while ($row = $result->fetch_array()) {
                        ?>
                        <option
                            value="<?php echo
                                <?php echo $row['Brand']; ?
                                <?php
                    }
                    $result->close();
                }
            } while($mysqli->next_result());
        }
        ?>
    </select>

```

```

</label>
<div id="models">
  <label for="equipment_model">
    Equipment model:
    <select name="equipment_model" id="equipment_model"
      style="width:85px">
      <option
        value="<?php echo $_POST['equipment_model'] ?>"
        <?php echo $_POST['equipment_model'] ?></option>

    </select>
  </label>
</div>
<label for="location">
  Location:
  <input type="text" name="location" id="location"
    value="<?php echo $_POST['location'] ?>"
    style="width:200px" />
</label>
<label for="distance">
  Distance (km):
  <input type="text" name="distance" id="distance"
    value="<?php echo $_POST['distance'] ?>"
    style="width:100px" />
</label>
<label for="duration">
  Duration:
  <select name="duration_hours" id="duration_hours">
    <option value="<?php echo $_POST['duration_hours'] ?>"
      <?php echo $_POST['duration_hours'] ?></option>
    <option value="">hours</option>
    <?php
      for ($i=0; $i<25; $i++) {
        <?>
        <option value="<?php echo $i; ?>"
          <?php echo $i; ?></option>

        <?php
      }
    <?>
  </select>
  <select name="duration_minutes" id="duration_minutes">
    <option value="<?php echo $_POST['duration_minutes'] ?>"
      <?php echo $_POST['duration_minutes'] ?></option>
    <option value="">min</option>
    <?php
      for ($i=0; $i<60; $i++) {
        <?>
        <option value="<?php echo $i; ?>"
          <?php echo $i; ?></option>

        <?php
      }
    <?>
  </select>
  <select name="duration_seconds" id="duration_seconds">
    <option value="<?php echo $_POST['duration_seconds'] ?>"
      <?php echo $_POST['duration_seconds'] ?></option>
    <option value="">sec</option>
    <?php
      for ($i=0; $i<60; $i++) {
        <?>
        <option value="<?php echo $i; ?>"
          <?php echo $i; ?></option>

        <?php
      }
    <?>
  </select>
</label>
<label for="calories">
  Calories (kcal):
  <input type="text" name="calories" id="calories"
    value="<?php echo $_POST['calories'] ?>"
    style="width:100px" />
</label>
<label for="avg_hr">
  Average heartrate:
  <input type="text" name="avg_hr" id="avg_hr"

```

```

        value="<?php echo $_POST['heartrate'] ?>"
        style="width:50px" />
    </label>
    <label for="temperature">
        Temperature (&#8451;):
        <input type="text" name="temperature" id="temperature"
            value="<?php echo $_POST['temperature'] ?>"
            style="width:50px" />
    </label>
    <label for="notes">
        Notes:
        <br />
        <textarea name="notes" id="notes" rows="5"
            cols="40"><?php echo trim($_POST['notes']) ?></textarea>
    </label>
    <div class="buttons">
        <input type="submit" name="submit" id="submit"
            value="Submit" />
        <input type="reset" value="Clear" />
    </div>
    <div class="req_fields_text">
        * Required fields
    </div>
</fieldset>
</form>

<?php
} else { //insert new exercise to the database

    //form duration
    //if duration's hours, minutes or seconds field is not empty
    if(!empty($_POST['duration_hours']) || !empty($_POST['duration_minutes'])
        || !empty($_POST['duration_seconds'])) {
        //place '00' to empty fields.
        $duration_hours = prepare_timedate($mysqli->real_escape_string(
            $_POST['duration_hours']));
        $duration_minutes = prepare_timedate($mysqli->real_escape_string(
            $_POST['duration_minutes']));
        $duration_seconds = prepare_timedate($mysqli->real_escape_string(
            $_POST['duration_seconds']));

        //escape strings
        //form time format
        $duration = "{$_POST['duration_hours']}:{$_POST['duration_minutes']}:{$_POST['duration_seconds']}";
        $duration = "'$duration'";
    } else {
        //set NULL if all fields are empty
        $duration = "NULL";
    }

    //set optional fields to null if empty.
    //otherwise place post_variable as string.
    $location = prepare_optional($mysqli->real_escape_string(
        $_POST['location']));
    $distance = prepare_optional($mysqli->real_escape_string(
        $_POST['distance']));
    $calories = prepare_optional($mysqli->real_escape_string(
        $_POST['calories']));
    $avg_hr = prepare_optional($mysqli->real_escape_string(
        $_POST['avg_hr']));
    $temperature = prepare_optional($mysqli->real_escape_string(
        $_POST['temperature']));
    $equipment_brand = prepare_optional($mysqli->real_escape_string(
        $_POST['equipment_brand']));
    $equipment_model = prepare_optional($mysqli->real_escape_string(
        $_POST['equipment_model']));
    $notes = prepare_optional($mysqli->real_escape_string($_POST['notes']));

    $sport = $mysqli->real_escape_string($_POST['sport']);

    $query = "CALL EditExercise('".$_SESSION['person_edit']. "',
        '".$_SESSION['date_edit']. "', '".$_SESSION['time_edit']. "',
        '$person', '$date', '$time', '$sport', $location, $distance, $duration,
        $calories, $avg_hr, $temperature, $equipment_brand, $equipment_model,
        $notes)";

    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();

```



```

        if($result) {
            $result->close();
        }
    } while($mysqli->next_result());
}

redirect($_SESSION['url'], 301);

} else {
    <h2>Edit exercise</h2>
    <p>
        <b><i>Person, Date, Time and Sport fields are required.</i></b>
    </p>
    <form name="edit_exercise" id="edit_exercise"
        action="<?php echo $_SERVER['$PHP_SELF']; ?>"
        method="post" onreset="formReset(this); return false;">
        <fieldset>
            <label for="person">
                Person:
                <select name="person" id="person">
                    <option value="<?php echo $_POST['person'] ?>">
                        <?php echo $_POST['person'] ?></option>
                    <option value="">Select</option>
                    <?php
                    if($mysqli->multi_query('CALL GetPersons()')) {
                        do {
                            $result = $mysqli->store_result();
                            if($result) {
                                while ($row = $result->fetch_array()) {
                                    <?php echo
                                        <?php echo $row['Person']; ?></option>

                                    <?php
                                }
                                $result->close();
                            } while($mysqli->next_result());
                        }
                    }
                </select> *
            </label>
            <label for="date">
                Date:
                <select name="month" id="month">
                    <option value="<?php echo $_POST['month'] ?>">
                        <?php echo $_POST['month'] ?></option>
                    <option value="">month</option>
                    <?php
                    for ($i=1; $i<13; $i++) {
                        <?php
                        <option value="<?php echo $i; ?>">
                            <?php echo $i; ?></option>
                        <?php
                    }
                </select>
                <select name="day" id="day">
                    <option value="<?php echo $_POST['day'] ?>">
                        <?php echo $_POST['day'] ?></option>
                    <option value="">day</option>
                    <?php
                    for ($i=1; $i<32; $i++) {
                        <?php
                        <option value="<?php echo $i; ?>">
                            <?php echo $i; ?></option>
                        <?php
                    }
                </select>
                <select name="year" id="year">
                    <option value="<?php echo $_POST['year'] ?>">
                        <?php echo $_POST['year'] ?></option>
                    <option value="">year</option>
                    <?php
                    for ($i=date('Y'); $i>=1990; $i--) {

```

```

        ?>
        <option value="<?php echo $i; ?>">
            <?php echo $i; ?></option>
        <?php
    }
    ?>
</select> *
</label>
<label for="time">
    Time:
    <select name="hours" id="hours">
        <option value="<?php echo $_POST['hours'] ?>">
            <?php echo $_POST['hours'] ?></option>
        <option value="">hours</option>
        <?php
        for ($i=0; $i<24; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>
            <?php
        }
        ?>
    </select>
    <select name="minutes" id="minutes">
        <option value="<?php echo $_POST['minutes'] ?>">
            <?php echo $_POST['minutes'] ?></option>
        <option value="">min</option>
        <?php
        for ($i=0; $i<60; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>
            <?php
        }
        ?>
    </select>
    <select name="seconds" id="seconds">
        <option value="<?php echo $_POST['seconds'] ?>">
            <?php echo $_POST['seconds'] ?></option>
        <option value="">sec</option>
        <?php
        for ($i=0; $i<60; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>
            <?php
        }
        ?>
    </select> *
</label>
<label for="sport">
    Sport:
    <select name="sport" id="sport">
        <option value="<?php echo $_POST['sport'] ?>">
            <?php echo $_POST['sport'] ?></option>
        <option value="">Select</option>
        <?php
        if($mysqli->multi_query('CALL GetSports()')) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    while ($row = $result->fetch_array()) {
                        ?>
                        <option value="<?php echo $row['Sport'];>
                            <?php echo $row['Sport']; ?></option>
                        <?php
                    }
                    $result->close();
                }
            } while($mysqli->next_result());
        }
        ?>
    </select> *
</label>
<label for="equipment_brand">
    Equipment brand:

```

```

<select name="equipment_brand" id="equipment_brand"
        onchange="show_models(this.value)" >
    <option value="<?php echo $_POST['equipment_brand'] ?>">
        <?php echo $_POST['equipment_brand'] ?></option>
    <option value="">-----</option>
    <?php
    if($mysqli->multi_query('CALL GetEquipmentBrands()')) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                while ($row = $result->fetch_array()) {
                    ?>
                    <option value="<?php echo $row['Brand'];
                        <?php echo $row['Brand']; ?></option>

                        <?php
                                }
                                $result->close();
                            }
                        } while($mysqli->next_result());
                    }
                }
            }
        }
    }
    </select>
</label>
<div id="models">
    <label for="equipment_model">
        Equipment model:
        <select name="equipment_model" id="equipment_model"
            style="width:85px">
            <option value="<?php echo $_POST['equipment_model'] ?>">
                <?php echo $_POST['equipment_model'] ?></option>

            </select>
        </label>
    </div>
    <label for="location">
        Location:
        <input type="text" name="location" id="location"
            value="<?php echo $_POST['location'] ?>"
            style="width:200px" />
    </label>
    <label for="distance">
        Distance (km):
        <input type="text" name="distance" id="distance"
            value="<?php echo $_POST['distance'] ?>" style="width:100px" />
    </label>
    <label for="duration">
        Duration:
        <select name="duration_hours" id="duration_hours">
            <option value="<?php echo $_POST['duration_hours'] ?>">
                <?php echo $_POST['duration_hours'] ?></option>
            <option value="">hours</option>
            <?php
            for ($i=0; $i<25; $i++) {
                ?>
                <option value="<?php echo $i; ?>"
                    <?php echo $i; ?></option>

                <?php
            }
            ?>
        </select>
        <select name="duration_minutes" id="duration_minutes">
            <option value="<?php echo $_POST['duration_minutes'] ?>">
                <?php echo $_POST['duration_minutes'] ?></option>
            <option value="">min</option>
            <?php
            for ($i=0; $i<60; $i++) {
                ?>
                <option value="<?php echo $i; ?>"
                    <?php echo $i; ?></option>

                <?php
            }
            ?>
        </select>
        <select name="duration_seconds" id="duration_seconds">
            <option value="<?php echo $_POST['duration_seconds'] ?>">
                <?php echo $_POST['duration_seconds'] ?></option>
            <option value="">sec</option>

```

```

        <?php
        for ($i=0; $i<60; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>
            <?php
        }
        ?>
    </select>
</label>
<label for="calories">
    Calories (kcal):
    <input type="text" name="calories" id="calories"
        value="<?php echo $_POST['calories'] ?>" style="width:100px" />
</label>
<label for="avg_hr">
    Average heartrate:
    <input type="text" name="avg_hr" id="avg_hr"
        value="<?php echo $_POST['heartrate'] ?>" style="width:50px" />
</label>
<label for="temperature">
    Temperature (&#8451;):
    <input type="text" name="temperature" id="temperature"
        value="<?php echo $_POST['temperature'] ?>"
        style="width:50px" />
</label>
<label for="notes">
    Notes:
    <br />
    <textarea name="notes" id="notes" rows="5"
        cols="40"><?php echo trim($_POST['notes']) ?></textarea>
</label>
<div class="buttons">
    <input type="submit" name="submit" id="submit" value="Submit" />
    <input type="reset" value="Clear" />
</div>
<div class="req_fields_text">
    * Required fields
</div>
</fieldset>
</form>
<?php
    }
} else {
    //get exercise data
    $query = "CALL GetExercise('".$_SESSION['person_edit']."' ,
        '".$_SESSION['date_edit']."' , '".$_SESSION['time_edit']."' )";
    //get old values and save to variables
    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $row = $result->fetch_array();
                $person_old = $row['Person'];
                $date_old = $row['Exercise Date'];
                $month_old = substr($date_old, 5, 2);
                $day_old = substr($date_old, 8, 2);
                $year_old = substr($date_old, 0, 4);
                $time_old = $row['Exercise Time'];
                $hours_old = substr($time_old, 0, 2);
                $minutes_old = substr($time_old, 3, 2);
                $seconds_old = substr($time_old, 6, 2);
                $sport_old = $row['Sport'];
                $location_old = $row['Location'];
                $distance_old = $row['Distance'];
                $duration_old = $row['Duration'];
                $calories_old = $row['Calories'];
                $avghr_old = $row['AvgHR'];
                $temp_old = $row['Temp'];
                $brand_old = $row['Equipment Brand'];
                $model_old = $row['Equipment Model'];
                $notes_old = $row['Notes'];
                $result->close();
            }
        } while($mysqli->next_result());
    }
}
?>
<h2>Edit exercise</h2>

```

```

<form name="edit_exercise" id="edit_exercise"
  action="<?php echo $_SERVER['$PHP_SELF']; ?>"
  method="post" onreset="formReset(this); return false;">
  <fieldset>
    <label for="person">
      Person:
      <select name="person" id="person">
        <option value="<?php echo $person_old ?>">
          <?php echo $person_old ?></option>
        <option value="">Select</option>
        <?php
        if($mysqli->multi_query('CALL GetPersons()')) {
          do {
            $result = $mysqli->store_result();
            if($result) {
              while ($row = $result->fetch_array()) {
                ?>
                <option value="<?php echo $row['Person']; ?>">
                  <?php echo $row['Person']; ?></option>
                <?php
              }
              $result->close();
            }
          } while($mysqli->next_result());
        }
        ?>
      </select> *
    </label>
    <label for="date">
      Date:
      <select name="month" id="month">
        <option value="<?php echo $month_old ?>">
          <?php echo $month_old ?></option>
        <option value="">month</option>
        <?php
        for ($i=1; $i<13; $i++) {
          ?>
          <option value="<?php echo $i; ?>">
            <?php echo $i; ?></option>
          <?php
        }
        ?>
      </select>
      <select name="day" id="day">
        <option value="<?php echo $day_old ?>">
          <?php echo $day_old ?></option>
        <option value="">day</option>
        <?php
        for ($i=1; $i<32; $i++) {
          ?>
          <option value="<?php echo $i; ?>">
            <?php echo $i; ?></option>
          <?php
        }
        ?>
      </select>
      <select name="year" id="year">
        <option value="<?php echo $year_old ?>">
          <?php echo $year_old ?></option>
        <option value="">year</option>
        <?php
        for ($i=date('Y'); $i>=1990; $i--) {
          ?>
          <option value="<?php echo $i; ?>">
            <?php echo $i; ?></option>
          <?php
        }
        ?>
      </select> *
    </label>
    <label for="time">
      Time:
      <select name="hours" id="hours">
        <option value="<?php echo $hours_old ?>">
          <?php echo $hours_old ?></option>
        <option value="">hours</option>
        <?php

```

```

        for ($i=0; $i<24; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>
            <?php
        }
        ?>
    </select>
    <select name="minutes" id="minutes">
        <option value="<?php echo $minutes_old ?>">
            <?php echo $minutes_old ?></option>
        <option value="">min</option>
        <?php
        for ($i=0; $i<60; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>
            <?php
        }
        ?>
    </select>
    <select name="seconds" id="seconds">
        <option value="<?php echo $seconds_old ?>">
            <?php echo $seconds_old ?></option>
        <option value="">sec</option>
        <?php
        for ($i=0; $i<60; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>
            <?php
        }
        ?>
    </select> *
</label>
<label for="sport">
    Sport:
    <select name="sport" id="sport">
        <option value="<?php echo $sport_old ?>">
            <?php echo $sport_old ?></option>
        <option value="">Select</option>
        <?php
        if ($mysqli->multi_query('CALL GetSports()')) {
            do {
                $result = $mysqli->store_result();
                if ($result) {
                    while ($row = $result->fetch_array()) {
                        ?>
                        <option value="<?php echo $row['Sport']; ?>">
                            <?php echo $row['Sport']; ?></option>
                        <?php
                    }
                    $result->close();
                }
            } while ($mysqli->next_result());
        }
        ?>
    </select> *
</label>
<label for="equipment_brand">
    Equipment brand:
    <select name="equipment_brand" id="equipment_brand"
        onchange="show_models(this.value)" >
        <option value="<?php echo $brand_old ?>">
            <?php echo $brand_old ?></option>
        <option value="">-----</option>
        <?php
        if ($mysqli->multi_query('CALL GetEquipmentBrands()')) {
            do {
                $result = $mysqli->store_result();
                if ($result) {
                    while ($row = $result->fetch_array()) {
                        ?>
                        <option value="<?php echo $row['Brand']; ?>">
                            <?php echo $row['Brand']; ?></option>
                        <?php
                    }
                }
            } while ($mysqli->next_result());
        }
        ?>
    </select>
</label>

```

```

        }
        $result->close();
    }
    } while ($mysqli->next_result());
}
?>
</select>
</label>
<div id="models">
    <label for="equipment_model">
        Equipment model:
        <select name="equipment_model" id="equipment_model"
            style="width:85px">
            <option value="<?php echo $model_old ?>">
                <?php echo $model_old ?></option>

        </select>
    </label>
</div>
<label for="location">
    Location:
    <input type="text" name="location" id="location"
        value="<?php echo $location_old ?>"
        style="width:200px" />
</label>
<label for="distance">
    Distance (km):
    <input type="text" name="distance" id="distance"
        style="width:100px" value="<?php echo $distance_old ?>" />
</label>
<label for="duration">
    Duration:
    <select name="duration_hours" id="duration_hours">
        <option value="<?php echo $hours_old ?>">
            <?php echo $hours_old ?></option>
        <option value="">hours</option>
        <?php
        for ($i=0; $i<25; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>
            <?php
        }
        ?>
    </select>
    <select name="duration_minutes" id="duration_minutes">
        <option value="<?php echo $minutes_old ?>">
            <?php echo $minutes_old ?></option>
        <option value="">min</option>
        <?php
        for ($i=0; $i<60; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>
            <?php
        }
        ?>
    </select>
    <select name="duration_seconds" id="duration_seconds">
        <option value="<?php echo $seconds_old ?>">
            <?php echo $seconds_old ?></option>
        <option value="">sec</option>
        <?php
        for ($i=0; $i<60; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>
            <?php
        }
        ?>
    </select>
</label>
<label for="calories">
    Calories (kcal):
    <input type="text" name="calories" id="calories"
        style="width:100px" value="<?php echo $calories_old ?>" />
</label>
<label for="avg_hr">
    Average heartrate:

```

```

        <input type="text" name="avg_hr" id="avg_hr"
              style="width:50px" value="<?php echo $avghr_old ?>" />
    </label>
    <label for="temperature">
        Temperature (&#8451;):
        <input type="text" name="temperature" id="temperature"
              style="width:50px" value="<?php echo $temp_old ?>" />
    </label>
    <label for="notes">
        Notes:
        <br />
        <textarea name="notes" id="notes" rows="5"
              cols="40"><?php echo $notes_old ?></textarea>
    </label>
    <div class="buttons">
        <input type="submit" name="submit" id="submit" value="Submit" />
        <input type="reset" value="Clear" />
    </div>
    <div class="req_fields_text">
        * Required fields
    </div>
</fieldset>
</form>
<?php
}
include "../footer.php";
mysqli->close();
?>

```

8.2.1.31 edit_match.php

```

<?php
session_start();
ob_start();
include "../header.php";
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
include("../php_functions/redirect.php");
include("../php_functions/stored_procedure_tools.php");
print ('<body onload="document.edit_match.match.focus()">');
include "../middle.php";
if (isset($_POST['submit_edit'])) {
    $_SESSION['match_edit'] = mysqli->real_escape_string($_POST['match']);
    $_SESSION['date_edit'] = mysqli->real_escape_string($_POST['date']);
    $_SESSION['url'] = mysqli->real_escape_string($_POST['url']);
}
//execute if submit button is pressed
if (isset($_POST['submit']) && $_POST['submit'] == "Submit") {
    /*
     * check that mandatory fields are not empty and home and
     * guest teams are not the same.
     */
    if (!empty($_POST['match']) && !empty($_POST['year']) &&
        !empty($_POST['month']) && !empty($_POST['day']) &&
        (!empty($_POST['hours']) || !empty($_POST['minutes']) ||
        !empty($_POST['seconds'])) && !empty($_POST['sport'])
        && !empty($_POST['city']) && !empty($_POST['country'])
        && !empty($_POST['place']) && !empty($_POST['home_team'])
        && !empty($_POST['guest_team'])
        && $_POST['home_team']!= $_POST['guest_team']) {

        //form date
        //escape strings
        $year = mysqli->real_escape_string($_POST['year']);
        $month = mysqli->real_escape_string($_POST['month']);
        $day = mysqli->real_escape_string($_POST['day']);
        //form date format
        $date = "{$year}-{$month}-{$day}";

        $match = mysqli->real_escape_string($_POST['match']);

        $query = "CALL IsMatch('$match', '$date') ";

        if(mysqli->multi_query($query)) {

```



```

do {
    $result = $mysqli->store_result();
    if($result) {
        $rows = $result->num_rows;
        $result->close();
    }
} while($mysqli->next_result());
}

function IsSameMatch() {
    global $match, $date;
    $comp1 = strcmp($match, $_SESSION['match_edit']);
    $comp2 = strcmp($date, $_SESSION['date_edit']);
    if ($comp1 == 0 && $comp2 == 0) {
        return true;
    } else {
        return false;
    }
}

/* check if a match with same match name and date is
 * already in the database.
 */
if ($rows != 0 && IsSameMatch() == false) {

    <h2>Edit exercise</h2>
    <p>
        <b><i>Same match found from the database.
        </i></b>
    </p>
    <form name="edit_match" id="edit_match"
        action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
        method="post" onreset="formReset(this); return false;">
        <fieldset>
            <label for="match">
                Match:
                <input type="text" name="match" id="match"
                    value="<?php echo $_POST['match'] ?>"
                    style="width:250px" /> *
            </label>
            <label for="date">
                Date:
                <select name="month" id="month">
                    <option value="<?php echo $_POST['month'] ?>">
                        <?php echo $_POST['month'] ?></option>
                    <option value="">month</option>
                    <?php
                    for ($i=1; $i<13; $i++) {
                        <?>
                        <option value="<?php echo $i; ?>">
                            <?php echo $i; ?></option>
                    }
                    <?php
                    <?>
                </select>
                <select name="day" id="day">
                    <option value="<?php echo $_POST['day'] ?>">
                        <?php echo $_POST['day'] ?></option>
                    <option value="">day</option>
                    <?php
                    for ($i=1; $i<32; $i++) {
                        <?>
                        <option value="<?php echo $i; ?>">
                            <?php echo $i; ?></option>
                    }
                    <?php
                    <?>
                </select>
                <select name="year" id="year">
                    <option value="<?php echo $_POST['year'] ?>">
                        <?php echo $_POST['year'] ?></option>
                    <option value="">year</option>
                    <?php
                    for ($i=date('Y'); $i>=1990; $i--) {
                        <?>

```

```

        <option value="<?php echo $i; ?>">
            <?php echo $i; ?></option>

        <?php
    }
    ?>
</select> *
</label>
<label for="time">
    Time:
    <select name="hours" id="hours">
        <option value="<?php echo $_POST['hours'] ?>">
            <?php echo $_POST['hours'] ?></option>
        <option value="">hours</option>
        <?php
        for ($i=0; $i<24; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>

            <?php
        }
        ?>
    </select>
    <select name="minutes" id="minutes">
        <option value="<?php echo $_POST['minutes'] ?>">
            <?php echo $_POST['minutes'] ?></option>
        <option value="">min</option>
        <?php
        for ($i=0; $i<60; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>

            <?php
        }
        ?>
    </select>
    <select name="seconds" id="seconds">
        <option value="<?php echo $_POST['seconds'] ?>">
            <?php echo $_POST['seconds'] ?></option>
        <option value="">sec</option>
        <?php
        for ($i=0; $i<60; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>

            <?php
        }
        ?>
    </select> *
</label>
<label for="sport">
    Sport:
    <select name="sport" id="sport">
        <option value="<?php echo $_POST['sport'] ?>">
            <?php echo $_POST['sport'] ?></option>
        <option value="">Select</option>
        <?php
        if($mysqli->multi_query("CALL GetSports()")) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    while ($row = $result->fetch_array()) {
                        ?>
                        <option
                            value="<?php echo
                                $row['Sport']; ?>">
                            <?php echo $row['Sport']; ?
                        </option>

                        <?php
                    }
                    $result->close();
                }
            } while($mysqli->next_result());
        }
        ?>

```

```

        </select> *
</label>
<label for="home_team">
    Home Team:
    <select name="home_team" id="home_team">
        <option value="<?php echo $_POST['home_team'] ?>">
            <?php echo $_POST['home_team'] ?></option>
        <option value="">Select</option>
        <?php
        if($mysqli->multi_query("CALL GetTeams()")) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    while ($row = $result->fetch_array()) {
                        ?>
                        <option
                            value="<?php echo
                                $row['Team']; ?>">
                            <?php echo $row['Team']; ?
                        <?php
                    }
                    $result->close();
                }
            } while($mysqli->next_result());
        }
        ?>
    </select> *
</label>
<label for="guest_team">
    Guest Team:
    <select name="guest_team" id="guest_team">
        <option value="<?php echo $_POST['guest_team'] ?>">
            <?php echo $_POST['guest_team'] ?></option>
        <option value="">Select</option>
        <?php
        if($mysqli->multi_query("CALL GetTeams()")) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    while ($row = $result->fetch_array()) {
                        ?>
                        <option
                            value="<?php echo
                                $row['Team']; ?>">
                            <?php echo $row['Team']; ?
                        <?php
                    }
                    $result->close();
                }
            } while($mysqli->next_result());
        }
        ?>
    </select> *
</label>
<label for="city">
    City:
    <input type="text" name="city" id="city"
        value="<?php echo $_POST['city'] ?>" /> *
</label>
<label for="country">
    Country:
    <input type="text" name="country" id="country"
        value="<?php echo $_POST['country'] ?>" /> *
</label>
<label for="place">
    Place:
    <input type="text" name="place" id="place"
        value="<?php echo $_POST['place'] ?>"
        style="width:250px" /> *
</label>
<label for="description">
    Description:
    <br />
    <textarea name="description" id="description" rows="5"
        cols="40"><?php echo $_POST['description'] ?></textarea>
</label>

```

```

        <div class="buttons">
            <input type="submit" name="submit" id="submit" value="Submit" />
            <input type="reset" value="Clear" />
        </div>
        <div class="req_fields_text">
            * Required fields
        </div>
    </fieldset>
</form>

<?php
} else { //insert new match to the database
    /* If time's hours, minutes or seconds field is not selected
    * the variable in question gets value zero. Otherwise MatchTime saved to
    * the MySQL database would be incorrect. For instance one hour would become
    * one second. That's because MySQL time format ignores white spaces.
    */
    $hours = prepare_timedate($mysqli->real_escape_string($_POST['hours']));
    $minutes = prepare_timedate($mysqli->real_escape_string($_POST['minutes']));
    $seconds = prepare_timedate($mysqli->real_escape_string($_POST['seconds']));

    //form time
    $time = "{$hours}:{$minutes}:{$seconds}";
    $time = "'$time'";

    $description = prepare_optional($mysqli->real_escape_string(
        $_POST['description']));

    $sport = $mysqli->real_escape_string($_POST['sport']);
    $city = $mysqli->real_escape_string($_POST['city']);
    $country = $mysqli->real_escape_string($_POST['country']);
    $place = $mysqli->real_escape_string($_POST['place']);

    $query = "CALL EditMatch('".$_SESSION['match_edit']. "',
        '".$_SESSION['date_edit']. "', '$match', '$date',
        $time, '$sport', '$city', '$country', '$place', $description)";

    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $result->close();
            }
        } while($mysqli->next_result());
    }

    $home_team = $mysqli->real_escape_string($_POST['home_team']);

    $query = "CALL EditHomeTeam('".$_SESSION['home_team_old']. "',
        '".$_SESSION['match_edit']. "', ' ".$_SESSION['date_edit']. "',
        '$home_team', '$match', '$date') ";

    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $result->close();
            }
        } while($mysqli->next_result());
    }

    $guest_team = $mysqli->real_escape_string($_POST['guest_team']);

    $query = "CALL EditGuestTeam('".$_SESSION['guest_team_old']. "',
        ' ".$_SESSION['match_edit']. "', ' ".$_SESSION['date_edit']. "',
        '$guest_team', '$match', '$date') ";

    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $result->close();
            }
        } while($mysqli->next_result());
    }

    redirect($_SESSION['url'], 301);

}
} else {

```

```

?>

<h2>Edit match</h2>
<p>
    <?php
    if ($_POST['home_team']==$_POST['guest_team']) {
        print "<b><i>Home team and Guest team can't be the same!</i></b>";
    } else {
        print "<b><i>Match name, Date, Time, Sport, City,<br />
            Country and Place fields are required.</i></b>";
    }
    ?>
</p>
<form name="edit_match" id="edit_match"
    action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
    method="post" onreset="formReset(this); return false;">
    <fieldset>
        <label for="match">
            Match:
            <input type="text" name="match" id="match"
                value="<?php echo $_POST['match'] ?>"
                style="width:250px" /> *
        </label>
        <label for="date">
            Date:
            <select name="month" id="month">
                <option value="<?php echo $_POST['month'] ?>">
                    <?php echo $_POST['month'] ?></option>
                <option value="">month</option>
                <?php
                for ($i=1; $i<13; $i++) {
                    ?>
                    <option value="<?php echo $i; ?>">
                        <?php echo $i; ?></option>
                <?php
                }
                ?>
            </select>
            <select name="day" id="day">
                <option value="<?php echo $_POST['day'] ?>">
                    <?php echo $_POST['day'] ?></option>
                <option value="">day</option>
                <?php
                for ($i=1; $i<32; $i++) {
                    ?>
                    <option value="<?php echo $i; ?>">
                        <?php echo $i; ?></option>
                <?php
                }
                ?>
            </select>
            <select name="year" id="year">
                <option value="<?php echo $_POST['year'] ?>">
                    <?php echo $_POST['year'] ?></option>
                <option value="">year</option>
                <?php
                for ($i=date('Y'); $i>=1990; $i-- ) {
                    ?>
                    <option value="<?php echo $i; ?>">
                        <?php echo $i; ?></option>
                <?php
                }
                ?>
            </select> *
        </label>
        <label for="time">
            Time:
            <select name="hours" id="hours">
                <option value="<?php echo $_POST['hours'] ?>">
                    <?php echo $_POST['hours'] ?></option>
                <option value="">hours</option>
                <?php
                for ($i=0; $i<24; $i++) {
                    ?>
                    <option value="<?php echo $i; ?>">
                        <?php echo $i; ?></option>
                <?php
                }
            </select>
        </label>
    </fieldset>
</form>

```

```

        ?>
    </select>
    <select name="minutes" id="minutes">
        <option value="<?php echo $_POST['minutes'] ?>">
            <?php echo $_POST['minutes'] ?></option>
        <option value="">min</option>
        <?php
        for ($i=0; $i<60; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>
            <?php
        }
        ?>
    </select>
    <select name="seconds" id="seconds">
        <option value="<?php echo $_POST['seconds'] ?>">
            <?php echo $_POST['seconds'] ?></option>
        <option value="">sec</option>
        <?php
        for ($i=0; $i<60; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>
            <?php
        }
        ?>
    </select> *
</label>
<label for="sport">
    Sport:
    <select name="sport" id="sport">
        <option value="<?php echo $_POST['sport'] ?>">
            <?php echo $_POST['sport'] ?></option>
        <option value="">Select</option>
        <?php
        if($mysqli->multi_query("CALL GetSports()")) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    while ($row = $result->fetch_array()) {
                        ?>
                        <option value="<?php echo $row['Sport']; ?>">
                            <?php echo $row['Sport']; ?></option>
                        <?php
                    }
                    $result->close();
                }
            } while($mysqli->next_result());
        }
        ?>
    </select> *
</label>
<label for="home_team">
    Home Team:
    <select name="home_team" id="home_team">
        <option value="<?php echo $_POST['home_team'] ?>">
            <?php echo $_POST['home_team'] ?></option>
        <option value="">Select</option>
        <?php
        if($mysqli->multi_query("CALL GetTeams()")) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    while ($row = $result->fetch_array()) {
                        ?>
                        <option value="<?php echo $row['Team']; ?>">
                            <?php echo $row['Team']; ?></option>
                        <?php
                    }
                    $result->close();
                }
            } while($mysqli->next_result());
        }
    </select>
}
?>">
?>">

```

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```

        $minutes_old = substr($time_old, 3, 2);
        $seconds_old = substr($time_old, 6, 2);
        $sport_old = $row['Sport'];
        $city_old = $row['City'];
        $country_old = $row['Country'];
        $place_old = $row['Place'];
        $description_old = $row['Description'];
        $result->close();
    }
    } while($mysqli->next_result());
}

$query = "CALL GetHomeTeam('".$_SESSION['match_edit']. "',
    '".$_SESSION['date_edit']. "')";
//get old values and save to variables
if($mysqli->multi_query($query)) {
    do {
        $result = $mysqli->store_result();
        if($result) {
            $row = $result->fetch_array();
            $home_team_old = $row['Team'];
            $_SESSION['home_team_old'] = $home_team_old;
            $result->close();
        }
    } while($mysqli->next_result());
}

$query = "CALL GetGuestTeam('".$_SESSION['match_edit']. "',
    '".$_SESSION['date_edit']. "')";
//get old values and save to variables
if($mysqli->multi_query($query)) {
    do {
        $result = $mysqli->store_result();
        if($result) {
            $row = $result->fetch_array();
            $guest_team_old = $row['Team'];
            $_SESSION['guest_team_old'] = $guest_team_old;
            $result->close();
        }
    } while($mysqli->next_result());
}

?>

<h2>Edit match</h2>
<form name="edit_match" id="edit_match"
    action="<?php echo $_SERVER['PHP_SELF']; ?>"
    method="post" onreset="formReset(this); return false;">
    <fieldset>
        <label for="match">
            Match:
            <input type="text" name="match" id="match"
                value="<?php echo $match_old; ?>" style="width:250px" /> *
        </label>
        <label for="date">
            Date:
            <select name="month" id="month">
                <option value="<?php echo $month_old; ?>">
                    <?php echo $month_old; ?></option>
                <option value="">month</option>
                <?php
                    for ($i=1; $i<13; $i++) {
                        ?>
                        <option value="<?php echo $i; ?>">
                            <?php echo $i; ?></option>
                    }
                </select>
                <select name="day" id="day">
                    <option value="<?php echo $day_old; ?>">
                        <?php echo $day_old; ?></option>
                    <option value="">day</option>
                    <?php
                        for ($i=1; $i<32; $i++) {
                            ?>
                            <option value="<?php echo $i; ?>">
                                <?php echo $i; ?></option>
                        }
                    </select>
            </label>
        </fieldset>
    </form>

```



```

        ?>
    </select>
    <select name="year" id="year">
        <option value="<?php echo $year_old; ?>">
            <?php echo $year_old; ?></option>
        <option value="">year</option>
        <?php
        for ($i=date('Y'); $i>=1990; $i--) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>
            <?php
        }
        ?>
    </select> *
</label>
<label for="time">
    Time:
    <select name="hours" id="hours">
        <option value="<?php echo $hours_old; ?>">
            <?php echo $hours_old; ?></option>
        <option value="">hours</option>
        <?php
        for ($i=0; $i<24; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>
            <?php
        }
        ?>
    </select>
    <select name="minutes" id="minutes">
        <option value="<?php echo $minutes_old; ?>">
            <?php echo $minutes_old; ?></option>
        <option value="">min</option>
        <?php
        for ($i=0; $i<60; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>
            <?php
        }
        ?>
    </select>
    <select name="seconds" id="seconds">
        <option value="<?php echo $seconds_old; ?>">
            <?php echo $seconds_old; ?></option>
        <option value="">sec</option>
        <?php
        for ($i=0; $i<60; $i++) {
            ?>
            <option value="<?php echo $i; ?>">
                <?php echo $i; ?></option>
            <?php
        }
        ?>
    </select> *
</label>
<label for="sport">
    Sport:
    <select name="sport" id="sport">
        <option value="<?php echo $sport_old; ?>">
            <?php echo $sport_old; ?></option>
        <option value="">Select</option>
        <?php
        if ($mysqli->multi_query("CALL GetSports()")) {
            do {
                $result = $mysqli->store_result();
                if ($result) {
                    while ($row = $result->fetch_array()) {
                        ?>
                        <option value="<?php echo $row['Sport']; ?>">
                            <?php echo $row['Sport']; ?></option>
                        <?php
                    }
                    $result->close();
                }
            } while ($mysqli->next_result());
        }
    </select>

```

```

        } while($mysqli->next_result());
    }
    ?>
</select> *
</label>
<label for="home_team">
    Home Team:
    <select name="home_team" id="home_team">
        <option value="<?php echo $home_team_old; ?>">
            <?php echo $home_team_old; ?></option>
        <option value="">Select</option>
    <?php
    if($mysqli->multi_query("CALL GetTeams()")) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                while ($row = $result->fetch_array()) {
                    ?>
                    <option value="<?php echo $row['Team']; ?>">
                        <?php echo $row['Team']; ?></option>

                    <?php
                }
                $result->close();
            }
        } while($mysqli->next_result());
    }
    ?>
</select> *
</label>
<label for="guest_team">
    Guest Team:
    <select name="guest_team" id="guest_team">
        <option value="<?php echo $guest_team_old; ?>">
            <?php echo $guest_team_old; ?></option>
        <option value="">Select</option>
    <?php
    if($mysqli->multi_query("CALL GetTeams()")) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                while ($row = $result->fetch_array()) {
                    ?>
                    <option value="<?php echo $row['Team']; ?>">
                        <?php echo $row['Team']; ?></option>

                    <?php
                }
                $result->close();
            }
        } while($mysqli->next_result());
    }
    ?>
</select> *
</label>
<label for="city">
    City:
    <input type="text" name="city" id="city"
        value="<?php echo $city_old; ?>" /> *
</label>
<label for="country">
    Country:
    <input type="text" name="country" id="country"
        value="<?php echo $country_old; ?>" /> *
</label>
<label for="place">
    Place:
    <input type="text" name="place" id="place"
        value="<?php echo $place_old; ?>"
        style="width:250px" /> *
</label>
<label for="description">
    Description:
    <br />
    <textarea name="description" id="description"
        rows="5" cols="40"><?php echo $description_old; ?></textarea>
</label>
<div class="buttons">

```

```

        <input type="submit" name="submit" id="submit" value="Submit" />
        <input type="reset" value="Clear" />
    </div>
    <div class="req_fields_text">
        * Required fields
    </div>
</fieldset>
</form>
<?php
}
include "../footer.php";
mysqli->close();
?>

```

8.2.1.32 edit_owned_equipment.php

```

<?php
ob_start();
include "../header.php";
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
include("../php_functions/redirect.php");
include("../php_functions/stored_procedure_tools.php");
print('<body onload="document.add_owned_equipment.person.focus()">');
include "../middle.php";
if (isset($_POST['submit_edit'])) {
    $_SESSION['person_edit'] = mysqli->real_escape_string($_POST['person']);
    $_SESSION['brand_edit'] = mysqli->real_escape_string($_POST['brand']);
    $_SESSION['model_edit'] = mysqli->real_escape_string($_POST['model']);
    $_SESSION['url'] = mysqli->real_escape_string($_POST['url']);
}
//execute if submit button is pressed
if (isset($_POST['submit']) && $_POST['submit'] == "Submit") {
    //check that mandatory fields are not empty
    if (!empty($_POST['person']) && !empty($_POST['equipment_brand']) &&
        !empty($_POST['equipment_model'])) {

        $person = mysqli->real_escape_string($_POST['person']);

        $brand = mysqli->real_escape_string($_POST['equipment_brand']);

        $model = mysqli->real_escape_string($_POST['equipment_model']);

        $query = "CALL IsOwnedEquipment('$person', '$brand', '$model')";

        if(mysqli->multi_query($query)) {
            do {
                $result = mysqli->store_result();
                if($result) {
                    $rows = $result->num_rows;
                    $result->close();
                }
            } while(mysqli->next_result());
        }

        function IsSameOwnedEquipment() {
            global $person, $brand, $model;
            $comp1 = strcmp($person, $_SESSION['person_edit']);
            $comp2 = strcmp($brand, $_SESSION['brand_edit']);
            $comp3 = strcmp($model, $_SESSION['model_edit']);
            if ($comp1 == 0 && $comp2 == 0 && $comp3 == 0) {
                return true;
            } else {
                return false;
            }
        }

        if ($rows != 0 && IsSameOwnedEquipment() == false) {

            <h2>Edit equipment</h2>
            <p>
                <b><i>Equipment is already owned by <?php echo $_POST['person'] ?><br />
                </i></b>
            </p>

```

```

<form name="edit_owned_equipment" id="edit_owned_equipment"
    action="<?php echo $_SERVER['$PHP_SELF']; ?>"
    method="post" onreset="formReset(this); return false;">
    <fieldset>
        <label for="person">
            Person:
            <select name="person" id="person">
                <option value="<?php echo $_POST['person'] ?>">
                    <?php echo $_POST['person'] ?></option>
                <?php
                    if($mysqli->multi_query('CALL GetPersons()')) {
                        do {
                            $result = $mysqli->store_result();
                            if($result) {
                                while ($row = $result->fetch_array()) {
                                    <?php echo
                                        <?php echo $row['Person']; ?></
                                            <?php
                                                }
                                            $result->close();
                                        }
                                    } while($mysqli->next_result());
                                }
                            }
                        }
                    }
                }
            }
        }
    }
    </select> *
    </label>
    <label for="equipment_brand">
        Equipment brand:
        <select name="equipment_brand" id="equipment_brand"
            onchange="show_models(this.value)" >
            <option value="<?php echo $_POST['equipment_brand'] ?>">
                <?php echo $_POST['equipment_brand'] ?></option>
            <option value="">-----</option>
            <?php
                if($mysqli->multi_query('CALL GetEquipmentBrands()')) {
                    do {
                        $result = $mysqli->store_result();
                        if($result) {
                            while ($row = $result->fetch_array()) {
                                <?php echo
                                    <?php echo $row['Brand']; ?
                                        <?php
                                            }
                                            $result->close();
                                        }
                                    } while($mysqli->next_result());
                                }
                            }
                        }
                    }
                }
            }
        }
    }
    </select> *
    </label>
    <div id="models">
    <label for="equipment_model">
        Equipment model:
        <select name="equipment_model" id="equipment_model"
            style="width:85px">
            <option value="<?php echo $_POST['equipment_model'] ?>">
                <?php echo $_POST['equipment_model'] ?></option>
        </select> *
    </label>
    </div>
    <label for="total_use">
        Total Use:
        <input type="text" name="total_use" id="total_use"
            value="<?php echo $_POST['total_use'] ?>" />
    </label>
    <label for="expected_lifetime">
        Expected Lifetime:
        <input type="text" name="expected_lifetime"
            id="expected_lifetime"
            value="<?php echo $_POST['expected_lifetime'] ?>" />
    </label>
    <label for="notes">

```

```

Notes:
<textarea name="notes" id="notes" rows="3"
           cols="30"><?php echo $_POST['notes'] ?></textarea>
</label>
<div class="buttons">
    <input type="submit" name="submit" id="submit" value="Submit" />
    <input type="reset" value="Clear" />
</div>
<div class="req_fields_text">
    * Required fields
</div>
</fieldset>
</form>
<?php
} else {
    //set fields to null if empty.
    //otherwise place post_variable as string.
    $total_use = prepare_optional($mysqli->real_escape_string(
        $_POST['total_use']));
    $expected_lifetime = prepare_optional($mysqli->real_escape_string(
        $_POST['expected_lifetime']));
    $notes = prepare_optional($mysqli->real_escape_string($_POST['notes']));

    $query = "CALL EditOwnedEquipment('".$_SESSION['person_edit']."',
        '".$_SESSION['brand_edit']."', '".$_SESSION['model_edit']."',
        '$person', '$brand', '$model', $total_use, $expected_lifetime, $notes)";

    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $result->close();
            }
        } while($mysqli->next_result());
    }
    redirect($_SESSION['url'], 301);
} else {
    <?php
    <h2>Edit owned equipment</h2>
    <p><b>The person name, brand and model is required!</b></p>
    <form name="edit_owned_equipment" id="edit_owned_equipment"
        action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
        method="post" onreset="formReset(this); return false;">
    <fieldset>
        <label for="person">
            Person:
            <select name="person" id="person">
                <option value="<?php echo $_POST['person'] ?>">
                    <?php echo $_POST['person'] ?></option>
                <?php
                if($mysqli->multi_query('CALL GetPersons()')) {
                    do {
                        $result = $mysqli->store_result();
                        if($result) {
                            while ($row = $result->fetch_array()) {
                                <?php echo
                                <?php echo $row['Person']; ?></option>
                                <?php
                            }
                        }
                    } while($mysqli->next_result());
                }
            </select> *
        </label>
        <label for="equipment_brand">
            Equipment brand:
            <select name="equipment_brand" id="equipment_brand"
                onchange="show_models(this.value)" >
                <option value="<?php echo $_POST['equipment_brand'] ?>">
                    <?php echo $_POST['equipment_brand'] ?></option>
                <option value="">-----</option>
                <?php

```

```

        if($mysqli->multi_query('CALL GetEquipmentBrands()')) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    while ($row = $result->fetch_array()) {
                        ?>
                        <option value="<?php echo $row['Brand'];

                        <?php echo $row['Brand']; ?></option>

                        <?php
                    }
                    $result->close();
                } while($mysqli->next_result());
            }
            ?>
        </select> *
    </label>
    <div id="models">
        <label for="equipment_model">
            Equipment model:
            <select name="equipment_model" id="equipment_model"
                style="width:85px">
                <option value="<?php echo $_POST['equipment_model'] ?>">
                    <?php echo $_POST['equipment_model'] ?></option>

            </select> *
        </label>
    </div>
    <label for="total_use">
        Total Use:
        <input type="text" name="total_use" id="total_use"
            value="<?php echo $_POST['total_use'] ?>" />
    </label>
    <label for="expected_lifetime">
        Expected Lifetime:
        <input type="text" name="expected_lifetime" id="expected_lifetime"
            value="<?php echo $_POST['expected_lifetime'] ?>" />
    </label>
    <label for="notes">
        Notes:
        <textarea name="notes" id="notes" rows="3"
            cols="30"><?php echo $_POST['notes'] ?></textarea>
    </label>
    <div class="buttons">
        <input type="submit" name="submit" id="submit" value="Submit" />
        <input type="reset" value="Clear" />
    </div>
    <div class="req_fields_text">
        * Required fields
    </div>
</fieldset>
</form>

<?php
    }
} else {
    $query = "CALL GetSpecificOwnedEquipment('".$_SESSION['person_edit']."',
        '".$_SESSION['brand_edit']."', '".$_SESSION['model_edit']."'");
    //get old values and save to variables
    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $row = $result->fetch_array();
                $person_old = $row['Person'];
                $brand_old = $row['EquipmentBrand'];
                $model_old = $row['EquipmentModel'];
                $total_use_old = $row['TotalUse'];
                $expected_lifetime_old = $row['ExpectedLifeTime'];
                $notes_old = $row['Notes'];
                $result->close();
            }
        } while($mysqli->next_result());
    }
}

?>

<h2>Edit owned equipment</h2>
<form name="edit_owned_equipment" id="edit_owned_equipment"
    action="<?php echo $_SERVER['$_PHP_SELF']; ?>"

```

```

method="post" onreset="formReset(this); return false;">
<fieldset>
  <label for="person">
    Person:
    <select name="person" id="person">
      <option value="<?php echo $person_old ?>">
        <?php echo $person_old ?></option>
      <?php
        if($mysqli->multi_query('CALL GetPersons()')) {
          do {
            $result = $mysqli->store_result();
            if($result) {
              while ($row = $result->fetch_array()) {
                ?>
                <option value="<?php echo $row['Person']; ?>">
                  <?php echo $row['Person']; ?></option>
                <?php
              }
              $result->close();
            }
          } while($mysqli->next_result());
        }
      ?>
    </select> *
  </label>
  <label for="equipment_brand">
    Equipment brand:
    <select name="equipment_brand" id="equipment_brand"
      onchange="show_models(this.value)" >
      <option value="<?php echo $brand_old ?>">
        <?php echo $brand_old ?></option>
      <option value="">-----</option>
      <?php
        if($mysqli->multi_query('CALL GetEquipmentBrands()')) {
          do {
            $result = $mysqli->store_result();
            if($result) {
              while ($row = $result->fetch_array()) {
                ?>
                <option value="<?php echo $row['Brand']; ?>">
                  <?php echo $row['Brand']; ?></option>
                <?php
              }
              $result->close();
            }
          } while($mysqli->next_result());
        }
      ?>
    </select> *
  </label>
  <div id="models">
    <label for="equipment_model">
      Equipment model:
      <select name="equipment_model" id="equipment_model"
        style="width:85px">
        <option value="<?php echo $model_old ?>">
          <?php echo $model_old ?></option>
      </select> *
    </label>
  </div>
  <label for="total_use">
    Total Use:
    <input type="text" name="total_use" id="total_use"
      value="<?php echo $total_use_old ?>" />
  </label>
  <label for="expected_lifetime">
    Expected Lifetime:
    <input type="text" name="expected_lifetime" id="expected_lifetime"
      value="<?php echo $expected_lifetime_old ?>" />
  </label>
  <label for="notes">
    Notes:
    <textarea name="notes" id="notes" rows="3"
      cols="30"><?php echo $notes_old ?></textarea>
  </label>
  <div class="buttons">

```

```

        <input type="submit" name="submit" id="submit" value="Submit" />
        <input type="reset" value="Clear" />
    </div>
    <div class="req_fields_text">
        * Required fields
    </div>
</fieldset>
</form>
<?php
}
include("../footer.php");
mysqli_close();
?>

```

8.2.1.33 edit_personal_coach.php

```

<?php
session_start();
ob_start();
include "../header.php";
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
include("../php_functions/redirect.php");
print ('<body onload=document.edit_personal_coach.person.focus(">');
include "../middle.php";
if (isset($_POST['submit_edit'])) {
    $_SESSION['coach_edit'] = mysqli_real_escape_string($_POST['coach']);
    $_SESSION['person_edit'] = mysqli_real_escape_string($_POST['person']);
    $_SESSION['url'] = mysqli_real_escape_string($_POST['url']);
}
//execute if submit button is pressed
if (isset($_POST['submit']) && $_POST['submit'] == "Submit") {
    //check that mandatory fields are not empty
    if (!empty($_POST['person']) && !empty($_POST['coach'])) {

        $person = mysqli_real_escape_string($_POST['person']);
        $coach = mysqli_real_escape_string($_POST['coach']);

        $query = "CALL IsPersonalCoach('$person', '$coach') ";

        if(mysqli_multi_query($query)) {
            do {
                $result = mysqli_store_result();
                if($result) {
                    $rows = $result->num_rows;
                    $result->close();
                }
            } while(mysqli_next_result());
        }

        function IsSamePersonalCoach() {
            global $coach, $person;
            $comp1 = strcmp($coach, $_SESSION['coach_edit']);
            $comp2 = strcmp($person, $_SESSION['person_edit']);
            if ($comp1 == 0 && $comp2 == 0) {
                return true;
            } else {
                return false;
            }
        }

        //check if the chosen person-coach combination is already in the database
        if ($rows != 0 && IsSamePersonalCoach() == false) {

            <h2>Edit personal coach</h2>
            <p>
                <b><i>Chosen person (<?php echo $_POST['person'] ?>) has already
                    coach (<?php echo $_POST['coach'] ?>).<br />
                    Please choose another combination.
                </i></b>
            </p>
            <form name="edit_personal_coach" id="edit_personal_coach"
                action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
                method="post" onreset="formReset(this); return false;">

```



```

<fieldset>
  <label for="person">
    Person:
    <select name="person">
      <option value="<?php echo $_POST['person']; ?>">
        <?php echo $_POST['person']; ?></option>
      <option value="">Select</option>
      <?php
        if($mysqli->multi_query('Call GetPersons()')) {
          do {
            $result = $mysqli->store_result();
            if($result) {
              while ($row = $result->fetch_array()) {
                ?>
                <option
                  value="<?php echo
                    $row['Person']; ?>">
                  <?php echo $row['Person']; ?></
                    option>
                <?php
              }
              $result->close();
            }
          } while($mysqli->next_result());
        }
      ?>
    </select> *
  </label>
  <label for="coach">
    Coach:
    <select name="coach">
      <option value="<?php echo $_POST['coach']; ?>">
        <?php echo $_POST['coach']; ?></option>
      <option value="">Select</option>
      <?php
        if($mysqli->multi_query('CALL GetCoaches()')) {
          do {
            $result = $mysqli->store_result();
            if($result) {
              while ($row = $result->fetch_array()) {
                ?>
                <option
                  value="<?php echo
                    $row['Coach']; ?>">
                  <?php echo $row['Coach']; ?></
                    option>
                <?php
              }
              $result->close();
            }
          } while($mysqli->next_result());
        }
      ?>
    </select> *
  </label>
  <div class="buttons">
    <input type="submit" name="submit" id="submit" value="Submit" />
    <input type="reset" value="Clear" />
  </div>
  <div class="req_fields_text">
    * Required fields
  </div>
</fieldset>
</form>

<?php
} else {
  $query = "CALL EditPersonalCoach('".$_SESSION['person_edit']. "',
    '".$_SESSION['coach_edit']. "', '$person', '$coach')";

  if($mysqli->multi_query($query)) {
    do {
      $result = $mysqli->store_result();
      if($result) {
        $result->close();
      }
    } while($mysqli->next_result());
  }
  redirect($_SESSION['url'], 301);
}

```

```

    }
} else {
    $query = "CALL IsPersonalCoach('".$_SESSION['person_edit']. "',
        '".$_SESSION['coach_edit']. "') ";

    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $person_old = $_SESSION['person_edit'];
                $coach_old = $_SESSION['coach_edit'];
                $result->close();
            }
        } while($mysqli->next_result());
    }
}

?>

<h2>Edit personal coach</h2>
<form name="edit_personal_coach" id="edit_personal_coach"
    action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
    method="post" onreset="formReset(this); return false;">
    <fieldset>
        <label for="person">
            Person:
            <select name="person">
                <option value="<?php echo $person_old ?>"><?php echo $person_old ?>
                </option>
                <?php
                    if($mysqli->multi_query('Call GetPersons()')) {
                        do {
                            $result = $mysqli->store_result();
                            if($result) {
                                while ($row = $result->fetch_array()) {
                                    ?>
                                    <option value="<?php echo $row['Person']; ?>">
                                        <?php echo $row['Person']; ?></option>
                                    <?php
                                }
                                $result->close();
                            }
                        } while($mysqli->next_result());
                    }
                </select> *
            </label>
            <label for="coach">
                Coach:
                <select name="coach">
                    <option value="<?php echo $coach_old ?>"><?php echo $coach_old ?>
                    </option>
                    <?php
                        if($mysqli->multi_query('CALL GetCoaches()')) {
                            do {
                                $result = $mysqli->store_result();
                                if($result) {
                                    while ($row = $result->fetch_array()) {
                                        ?>
                                        <option value="<?php echo $row['Coach']; ?>">
                                            <?php echo $row['Coach']; ?></option>
                                        <?php
                                    }
                                    $result->close();
                                }
                            } while($mysqli->next_result());
                        }
                    </select> *
            </label>
            <div class="buttons">
                <input type="submit" name="submit" id="submit" value="Submit" />
                <input type="reset" value="Clear" />
            </div>
            <div class="req_fields_text">
                * Required fields
            </div>
        </fieldset>
    
```

```

    </form>

<?php
}
include "../footer.php";
mysqli->close();
?>

```

8.2.1.34 edit_sport.php

```

<?php
ob_start();
include "../header.php";
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
include("../php_functions/redirect.php");
include("../php_functions/stored_procedure_tools.php");
print ('<body onload="document.edit_sport.sport.focus()">');
include "../middle.php";
if (isset($_POST['submit_edit'])) {
    $_SESSION['sport_edit'] = mysqli->real_escape_string($_POST['sport']);
    $_SESSION['url'] = mysqli->real_escape_string($_POST['url']);
}
//execute if submit button is pressed
if (isset($_POST['submit']) && $_POST['submit'] == "Submit") {
    //check that mandatory fields are not empty
    if (!empty($_POST['sport'])) {

        $sport = mysqli->real_escape_string($_POST['sport']);

        $query = "CALL IsSport('$sport') ";

        if(mysqli->multi_query($query)) {
            do {
                $result = mysqli->store_result();
                if($result) {
                    $rows = $result->num_rows;
                    $result->close();
                }
            } while(mysqli->next_result());
        }

        function IsSameSport() {
            global $sport;
            $comp1 = strcmp($sport, $_SESSION['sport_edit']);
            if ($comp1 == 0) {
                return true;
            } else {
                return false;
            }
        }

        //check if the chosen sport is already in the database
        if ($rows != 0 && IsSameSport() == false) {

            <h2>Edit sport</h2>
            <p>
                <b><i>Same sport found from the database.<br />
                Please choose another.
            </i></b>
            </p>
            <form name="edit_sport" id="edit_sport"
                action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
                method="post" onreset="formReset(this); return false;">
                <fieldset>
                    <label for="sport">
                        Sport:
                        <input type="text" name="sport" id="sport" /> *
                    </label>
                    <label for="description">
                        Description:
                        <br />
                        <textarea name="description" id="description" rows="3"
                            cols="30"><?php echo trim($_POST['description']) ?></textarea>
                    </label>

```

```

        <div class="buttons">
            <input type="submit" name="submit" id="submit"
                value="Submit" />
            <input type="reset" value="Clear" />
        </div>
        <div class="req_fields_text">
            * Required fields
        </div>
    </fieldset>
</form>

<?php
} else {
    //set optional fields to null if empty.
    //otherwise place post_variable as string.
    $description = prepare_optional($mysqli->real_escape_string(
        $_POST['description']));

    $query = "CALL EditSport('".$_SESSION['sport_edit']. "',
        'sport', $description)";

    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $result->close();
            }
        } while($mysqli->next_result());
    }
    redirect($_SESSION['url'], 301);
} else {

    <h2>Edit sport</h2>
    <p>
        <b><i>Sport field is required.</i></b>
    </p>
    <form name="edit_sport" id="edit_sport"
        action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
        method="post" onreset="formReset(this); return false;">
        <fieldset>
            <label for="sport">
                Sport:
                <input type="text" name="sport" id="sport" /> *
            </label>
            <label for="description">
                Description:
                <br />
                <textarea name="description" id="description" rows="3"
                    cols="30"><?php echo trim($_POST['description']) ?></textarea>
            </label>
            <div class="buttons">
                <input type="submit" name="submit" id="submit" value="Submit" />
                <input type="reset" value="Clear" />
            </div>
            <div class="req_fields_text">
                * Required fields
            </div>
        </fieldset>
    </form>

<?php
}
} else {
    $query = "CALL GetOneSportInfo('".$_SESSION['sport_edit']. "')";
    //get old values and save to variables
    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $row = $result->fetch_array();
                $sport_old = $row['Sport'];
                $description_old = $row['Description'];
                $result->close();
            }
        } while($mysqli->next_result());
    }

    <h2>Edit sport</h2>
    <form name="edit_sport" id="edit_sport"

```

```

        action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
        method="post" onreset="formReset(this); return false;">
        <fieldset>
            <label for="sport">
                Sport:
                <input type="text" name="sport" id="sport"
                    value="<?php echo $sport_old ?>" /> *
            </label>
            <label for="description">
                Description:
                <br />
                <textarea name="description" id="description" rows="3"
                    cols="30"><?php echo $description_old ?></textarea>
            </label>
            <div class="buttons">
                <input type="submit" name="submit" id="submit" value="Submit" />
                <input type="reset" value="Clear" />
            </div>
            <div class="req_fields_text">
                * Required fields
            </div>
        </fieldset>
    </form>

<?php
}
include "../footer.php";
mysqli->close();
?>

```

8.2.1.35 edit_team.php

```

<?php
session_start();
ob_start();
include "../header.php";
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
include("../php_functions/redirect.php");
print ('<body onload=document.edit_team.team.focus() ">');
include "../middle.php";
if (isset($_POST['submit_edit'])) {
    $_SESSION['team_edit'] = mysqli->real_escape_string($_POST['team']);
    $_SESSION['url'] = mysqli->real_escape_string($_POST['url']);
}
//execute if submit button is pressed
if (isset($_POST['submit']) && $_POST['submit'] == "Submit") {
    //check that mandatory fields are not empty
    if (!empty($_POST['team']) && !empty($_POST['city']) && !empty($_POST['country']))
    {
        $team = mysqli->real_escape_string($_POST['team']);

        $query = "CALL IsTeam('$team')";

        if(mysqli->multi_query($query)) {
            do {
                $result = mysqli->store_result();
                if($result) {
                    $rows = $result->num_rows;
                    $result->close();
                }
            } while(mysqli->next_result());
        }

        function IsSameTeam() {
            global $team;
            $comp1 = strcmp($team, $_SESSION['team_edit']);
            if ($comp1 == 0) {
                return true;
            } else {
                return false;
            }
        }

        //check if the chosen team is already in the database
    }
}

```

```

    if ($rows != 0 && IsSameTeam() == false) {
        <h2>Edit team</h2>
        <p>
            <b><i>Same team found from the database.<br />
                Please choose another.
            </i></b>
        </p>
        <form name="edit_team" id="edit_team"
            action="<?php echo $_SERVER['$PHP_SELF']; ?>"
            method="post" onreset="formReset(this); return false;">
            <fieldset>
                <label for="team">
                    Team:
                    <input type="text" name="team" id="team"
                        value="<?php echo $_POST['team'] ?>"
                        style="width:200px" /> *
                </label>
                <label for="city">
                    City:
                    <input type="text" name="city" id="city"
                        value="<?php echo $_POST['city'] ?>" /> *
                </label>
                <label for="country">
                    Country: <input type="text" name="country" id="country"
                        value="<?php echo $_POST['country'] ?>" /> *
                </label>
                <div class="buttons">
                    <input type="submit" name="submit" id="submit" value="Submit" />
                    <input type="reset" value="Clear" />
                </div>
                <div class="req_fields_text">
                    * Required fields
                </div>
            </fieldset>
        </form>

    } else {
        $city = $mysqli->real_escape_string($_POST['city']);
        $country = $mysqli->real_escape_string($_POST['country']);

        $query = "CALL EditTeam('".$_SESSION['team_edit']."',
            '$team', '$city', '$country')";

        if($mysqli->multi_query($query)) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    $result->close();
                }
            } while($mysqli->next_result());
        }

        redirect($_SESSION['url'], 301);
    }
} else {
    <h2>Edit team</h2>
    <p>
        <b><i>Team, City and Country fields are required.</i></b>
    </p>
    <form name="edit_team" id="edit_team"
        action="<?php echo $_SERVER['$PHP_SELF']; ?>"
        method="post" onreset="formReset(this); return false;">
        <fieldset>
            <label for="team">
                Team:
                <input type="text" name="team" id="team"
                    value="<?php echo $_POST['team'] ?>"
                    style="width:200px" /> *
            </label>
            <label for="city">
                City:
                <input type="text" name="city" id="city"
                    value="<?php echo $_POST['city'] ?>" /> *
            </label>
            <label for="country">
                Country:

```

```

        <input type="text" name="country" id="country"
            value="<?php echo $_POST['country'] ?>" /> *
    </label>
    <div class="buttons">
        <input type="submit" name="submit" id="submit" value="Submit" />
        <input type="reset" value="Clear" />
    </div>
    <div class="req_fields_text">
        * Required fields
    </div>
</fieldset>
</form>
<?php
}
} else {
    $query = "CALL GetTeamInfo('' .$_SESSION['team_edit']. '')";
    //get old values and save to variables
    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $row = $result->fetch_array();
                $team_old = $row['Team'];
                $city_old = $row['City'];
                $country_old = $row['Country'];
                $result->close();
            }
        } while($mysqli->next_result());
    }
}

?>

<h2>Edit team</h2>
<form name="edit_team" id="edit_team" action="<?php echo $_SERVER['$PHP_SELF']; ?>"
    method="post" onreset="formReset(this); return false;">
    <fieldset>
        <label for="team">
            Team:
            <input type="text" name="team" id="team"
                value="<?php echo $team_old; ?>"
                style="width:200px" /> *
        </label>
        <label for="city">
            City:
            <input type="text" name="city" id="city"
                value="<?php echo $city_old; ?>" /> *
        </label>
        <label for="country">
            Country:
            <input type="text" name="country" id="country"
                value="<?php echo $country_old; ?>" /> *
        </label>
        <div class="buttons">
            <input type="submit" name="submit" id="submit" value="Submit" />
            <input type="reset" value="Clear" />
        </div>
        <div class="req_fields_text">
            * Required fields
        </div>
    </fieldset>
</form>
<?php
}
include "../footer.php";
$mysqli->close();
?>

```

8.2.1.36 footer_login.php

```

<?php
print("</div> <!-- end of rounded login -->\n");
print("</div> <!-- end of login_block -->\n");
print("</body>\n");
print("</html>\n");
?>

```

8.2.1.37 footer.php

```

<?php
print("</div> <!-- end of content_block -->\n");
print("<div class='bottom_bar'>\n");
print("<div class='copyright_text'>&copy; Petri Tuononen ");
echo date("Y");
print("</div>\n");
print("</div> <!-- end of bottom_bar -->\n");
print("</div> <!-- end of main_block -->\n");
print("</div> <!-- end of container -->\n");
print("</body>\n");
print("</html>\n");
?>

```

8.2.1.38 get_models.js

```

var xmlhttp;

function show_models(brand) {
    xmlhttp=GetXmlHttpRequest();
    if (xmlhttp==null) {
        alert ("Browser does not support HTTP Request");
        return;
    }
    var url="get_models.php";
    url=url+"?brand="+brand;
    url=url+"&sid="+Math.random();
    xmlhttp.onreadystatechange=function() {
        if (xmlhttp.readyState==4 && xmlhttp.status==200) {
            document.getElementById("models").innerHTML=xmlhttp.responseText;
            delete xmlhttp;
            xmlhttp = null;
        }
    };
    xmlhttp.open("GET",url,true);
    xmlhttp.send(null);
}

function GetXmlHttpRequest() {
    if (window.XMLHttpRequest) {
        // code for IE7+, Firefox, Chrome, Opera, Safari
        return new XMLHttpRequest();
    }
    if (window.ActiveXObject) {
        // code for IE6, IE5
        return new ActiveXObject("Microsoft.XMLHTTP");
    }
    return null;
}

```

8.2.1.39 get_models.php

```

<?php
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";

$brand = $mysqli->real_escape_string($_GET["brand"]);

$query = "CALL GetSpecificEquipmentModels('" . $brand. "')";

$result = $mysqli->query($query)
    or die(mysqli_error($mysqli));

?>
Equipment model:
<select name="equipment_model">
    <?php
    while($row = $result->fetch_array()) {

```



```

        ?>
        <option value="<?php echo $row['Model'] ?>">
        <?php echo $row['Model'] ?></option>
        <?php
        }
        ?>
    </select>

    <?php
    $mysqli->close();
    ?>

```

8.2.1.40 header_menu.php

```

<?php
print("<!DOCTYPE html PUBLIC '-//W3C//DTD XHTML 1.0 Transitional//EN'\n");
print("'http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd'\n");
print("<html xmlns='http://www.w3.org/1999/xhtml'\n");
print("<head\n");
print("<link rel='stylesheet' type='text/css' href='./css/menu.css' />\n");
print("</head\n");
?>

```

8.2.1.41 header.php

```

<?php
print("<!DOCTYPE html PUBLIC '-//W3C//DTD XHTML 1.0 Transitional//EN'\n");
print("'http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd'\n");
print("<html xmlns='http://www.w3.org/1999/xhtml'\n");
print("<head\n");
print("<title>Sportlog</title>\n");
print("<script type='text/javascript' src='reset_form.js'></script>\n");
print("<script type='text/javascript' src='add_exercise_dropdown.js'></script>\n");
print("<script type='text/javascript' src='get_models.js'></script>\n");
print("<link rel='stylesheet' type='text/css' href='./css/sportlog.css'
    media='screen' />\n");
print("<link rel='stylesheet' type='text/css' href='./css/sportlog_print.css'
    media='print' />\n");
print("<link rel='stylesheet' type='text/css' href='./css/menu.css' />\n");
print("<link rel='shortcut icon' href='./pics/favicon.ico' />");
print("<meta name='Author' content='Petri Tuononen' />\n");
print("</head\n");
?>

```

8.2.1.42 header_show.php

```

<?php
print("<!DOCTYPE html PUBLIC '-//W3C//DTD XHTML 1.0 Transitional//EN'\n");
print("'http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd'\n");
print("<html xmlns='http://www.w3.org/1999/xhtml'\n");
print("<head\n");
print("<title>Sportlog</title>\n");
print("<link rel='stylesheet' type='text/css' href='./css/sportlog_wider.css' media='screen' />\n");
print("<link rel='stylesheet' type='text/css' href='./css/sportlog_wider_print.css' media='print' />\n");
print("<link rel='stylesheet' type='text/css' href='./css/menu.css' />\n");
print("<link rel='shortcut icon' href='./pics/favicon.ico' />");
print("<meta name='Author' content='Petri Tuononen' />\n");
print("<script language='JavaScript'>\n");
print("function confirmDelete() {\n");
print("return confirm('Are you sure you want to delete selected item?')\n");
print("}\n");
print("</script>\n");
print("</head\n");
?>

```

8.2.1.43 index.php

```
<?php
session_start();

//check that login variables are not null
if (!empty($_SESSION['user_logged']) ||
    (!empty($_SESSION['user_password']))) {
    include "logged_user.php";
} else {
    include "user_login.php";
}
?>
```

8.2.1.44 info.php

```
<?php
ob_start();
include "../header.php";
include "../auth_user.inc.php";
include "../middle.php";
?>
<h2>Info</h2>
<h3>Basic Info</h3>
<p>
    This service is originally made for Relational Databases course held in
    Turku University of Applied Sciences. Everything you can see on this website
    including the underlying database architecture is made exclusively by
    Petri Tuononen.
</p>
<h3>Mission</h3>
<p>
    This website acts as a conventional way to log
    physical exercises by individuals or groups such as football teams.
    It contains the most necessary things to log. Afterwards it's
    a great source of information for coaches and keep-fit enthusiasts.
</p>
<h3>Technical info</h3>
<p>
    Used techniques include PHP, MySQL, XHTML, CSS, Javascript and AJAX.
    Service is run on LAMP configuration which includes a Linux computer
    running Apache web server, MySQL server+client and PHP. AJAX is used in
    situations where refreshing the site is not conventional. One example is
    that when the user selects an equipment brand then immediately the selection
    box below shows all models by that brand. Aside AJAX, Javascript is used only
    in less important tasks such as clearing the form and gaining focus to a specific
    field when refreshing the page. XHTML uses certain standards and I have done
    my best to obey them. For example XHTML doesn't allow style definitions and
    that's the reason why all styles are kept in specific stylesheets.
    It's always a great idea to separate things to simplify the whole process.
    PHP's role is remarkable in this site, because it provides the connection to
    the database and processes everything that needs to be processed. PHP
    is an important link that makes this site so dynamic. Everything was done
    using open source software. Eclipse editor was also a very practical tool
    with PHP plugin.
</p>
<h3>Security</h3>
<p>
    I have worked hard to make this happen. The site has user authentication and
    the password is encrypted with MD5 (Message-Digest algorithm 5) which can't be
    decrypted (without brute force or decrypted MD5 hash library database),
    because it's a one-way hash algorithm. This ensures that the password is saved
    in encrypted format to the database and even the admin is unable to see the
    password. The whole site is SSL (Secure Socket Layer) secured. SSL is a series
    of cryptographic protocols that provide security for communications over networks.
    SSL makes eavesdropping impossible so nobody is able to catch user authentication
    traffic. All user input is always filtered before executing any SQL queries. This
    ensures that nobody is able to use any SQL specific characters like ; " ' and
    alike to make their own hazardous remove all tables query. Access to the database
    is very limited in such a way that executing only stored procedures is permitted.
</p>
<?php
include "../footer.php";
```

```
?>
```

8.2.1.45 logged_user.php

```
<?php
session_start();
ob_start();
include "../header.php";
include "../auth_user.inc.php";
include "../conn_reg.inc.php";
include "../conn_auth.inc.php";
include "../middle.php";
$query = "CALL CheckUserLogin('" . $_SESSION['user_logged'] . "',
    '" . $_SESSION['user_password'] . "')";

$result = $mysqli->query($query)
    or die(mysqli_error($mysqli));

$row = $result->fetch_array();
?>
<div class="main_page">
    You are logged into Sportlog.<br />
    Logged user: <b><?php echo $row['first_name']; echo " ";
    echo $row['last_name']; ?></b><br />
    <a href="logout.php">Logout</a>
</div>
<?php
$result->close();
include "../footer.php";
$mysqli->close();
?>
```

8.2.1.46 logout.php

```
<?php
session_start();
session_unset();
session_destroy();

include("../php_functions/redirect.php");
redirect("../index.php", 301);

/*
//slower method but more informative
header("Refresh: 2; URL=index.php");
echo "Logout succesful! " .
    "You are being sent to the login page.<br>";
echo "(If your browser doesn't support this, " .
    "<a href='\"index.php\"'>click here</a>";
die();
*/
?>
```

8.2.1.47 menu.php

```
<?php
session_start();
?>
<div class="menu">
    <ul>
        <li><a href="#">SELECT</a>
            <ul>
                <li><a href="../select_athlete.php">Athlete</a></li>
                <li><a href="../select_all_menu_option.php">All</a></li>
            </ul>
        </li>
        <li><a href="#">SHOW</a>
            <ul>
```

```

<?php
if ($_SESSION['select_all'] == 1) {
    ?>
    <li><a href="/show_all_athletes.php">Athletes</a></li>
    <li><a href="/show_all_exercises.php">Exercises</a></li>
    <li><a href="/show_equipment.php">Equipment</a></li>
    <li><a href="/show_all_owned_equipment.php">Owned Equipment</a></li>
    <li><a href="/show_coaches.php">Coaches</a></li>
    <li><a href="/show_all_personal_coaches.php">Personal Coaches</a></li>
    <li><a href="/show_teams.php">Teams</a></li>
    <li><a href="/show_matches.php">Matches</a></li>
    <li><a href="/show_sports.php">Sports</a></li>
    <li><a href="/show_summary_all.php">Summary</a></li>
    <?php
} else {
    ?>
    <li><a href="/show_selected_athlete.php">Athlete</a></li>
    <li><a href="/show_exercises.php">Exercises</a></li>
    <li><a href="/show_owned_equipment.php">Equipment</a></li>
    <li><a href="/show_coaches.php">Coaches</a></li>
    <li><a href="/show_personal_coaches.php">Personal Coaches</a></li>
    <li><a href="/show_teams.php">Teams</a></li>
    <li><a href="/show_matches.php">Matches</a></li>
    <li><a href="/show_summary.php">Summary</a></li>
    <?php
}
    ?>
</ul>
</li>
<li><a href="#">ADD</a>
    <ul>
        <li><a href="/add_athlete.php">Athlete</a></li>
        <li><a href="/add_exercise.php">Exercise</a></li>
        <li><a href="/add_equipment.php">Equipment</a></li>
        <li><a href="/add_owned_equipment.php">Owned Equipment</a></li>
        <li><a href="/add_sport.php">Sport</a></li>
        <li><a href="/add_coach.php">Coach</a></li>
        <li><a href="/add_personal_coach.php">Personal Coach</a></li>
        <li><a href="/add_team.php">Team</a></li>
        <li><a href="/add_match.php">Match</a></li>
    </ul>
</li>
<li><a href="#">ACCOUNT</a>
    <ul>
        <li><a href="/user_personal.php">Show/Change User Info</a></li>
        <li><a href="/register.php">Register</a></li>
        <li><a href="/logout.php">Logout</a></li>
    </ul>
</li>
<li><a href="/info.php">INFO</a>
</li>
</ul>
</div>

```

8.2.1.48 middle_login.php

```

<?php
print("<div class='login_block'>\n");
print("<div class='top_bar'>\n");
print("<div class='logo_top'>\n");
print("</div> <!-- end of logo_top -->\n");
print("</div> <!-- end of top_bar -->\n");
print("<div class='rounded_login'>\n");
?>

```

8.2.1.49 middle.php

```

<?php
print("<div class='container'>\n");
print("<div class='main_block'>\n");
print("<div class='top_bar'>\n");
print("<div class='logo_top'>\n");

```

```

print("</div> <!-- end of logo_top -->\n");
print("</div> <!-- end of top_bar -->\n");
print("<div class='navi'>\n");
include('./menu.php');
print("</div> <!-- end of navi -->\n");
print("<div class='content_block'>\n");
?>

```

8.2.1.50 middle_register.php

```

<?php
print("<body>");
print("<div class='container'>\n");
print("<div class='main_block'>\n");
print("<div class='top_bar'>\n");
print("<div class='logo_top'>\n");
print("</div> <!-- end of logo_top -->\n");
print("</div> <!-- end of top_bar -->\n");
if (!empty($_SESSION['user_logged']) &&
    (!empty($_SESSION['user_password']))) {
    print("<div class='navi'>\n");
    include('./menu.php');
    print("</div> <!-- end of navi -->\n");
}
print("<div class='content_block'>\n");
?>

```

8.2.1.51 person_brand_model_dropdown.php

```

<?
include './auth_user.inc.php';
include './conn_sportlog.inc.php';

//prevents that browser doesn't cache
header ("Expires: Mon, 26 Jul 1997 05:00:00 GMT");
header ("Last-Modified: " . gmdate("D, d M Y H:i:s") . " GMT");
header ("Cache-Control: no-cache, must-revalidate");
header ("Pragma: no-cache");
header ("content-type: application/x-javascript; charset=tis-620");

$data=$_GET['data'];
$val=$_GET['val'];

if ($data=='person') {
    echo "<select name='person' id='person'
        onChange=\"dochange('brand', this.value); dochange('model', '');\">\n";
    echo "<option value=''>Select</option>\n";
    if($mysqli->multi_query('CALL GetPersons()')) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                while ($row = $result->fetch_array()) {
                    echo "<option value='" . $row['Person'] . "'>";
                    echo $row['Person'];
                    echo "</option>\n";
                }
                $result->close();
            }
        } while($mysqli->next_result());
    }
} else if ($data=='brand') {
    echo "<select name='brand' id='brand' style='min-width:100px'
        onChange=\"dochange('model', this.value)\">\n";
    echo "<option value=''>Select</option>\n";
    $_SESSION['person'] = $val;
    if($mysqli->multi_query('CALL GetOwnedEquipmentBrands("'" . $val . "'')')) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                while ($row = $result->fetch_array()) {
                    echo "<option value='" . $row['EquipmentBrand'] . "'>";

```

```

                echo $row['EquipmentBrand'];
                echo "</option>\n";
            }
            $result->close();
        }
        } while($mysqli->next_result());
    }
} else if ($data=='model') {
    echo "<select name='model' id='model' style='min-width:100px'>\n";
    echo "<option value=''>Select</option>\n";
    if($mysqli->multi_query("CALL GetOwnedEquipmentModelsByBrand(
        '$_SESSION['person']','.$val.'")) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                while ($row = $result->fetch_array()) {
                    echo "<option value='". $row['EquipmentModel']. "'>";
                    echo $row['EquipmentModel'];
                    echo "</option>\n";
                }
                $result->close();
            }
        } while($mysqli->next_result());
    }
}
echo "</select>\n";
?>

```

8.2.1.52 register.php

```

<?php
session_start();
ob_start();
include "../header.php";
include "../conn_reg.inc.php";
include('../php_functions/EmailAddressValidator.php');
function checkLogin() {
    if (!empty($_SESSION['user_logged']) &&
        (!empty($_SESSION['user_password']))) {
        return true;
    } else {
        return false;
    }
}

print "<body>";
include "../middle_register.php";
$validator = new EmailAddressValidator;
//execute if register button is pressed
if (isset($_POST['submit']) && $_POST['submit'] == "Register") {
    //check that mandatory fields are not empty
    if (!empty($_POST['username']) &&
        !empty($_POST['password']) &&
        !empty($_POST['first_name']) &&
        !empty($_POST['last_name']) &&
        $validator->check_email_address($_POST['email']) ) {

        $username = $mysqli->real_escape_string($_POST['username']);

        $query = "CALL IsAccount('$username')";

        if($mysqli->multi_query($query)) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    $rows = $result->num_rows;
                    $result->close();
                }
            } while($mysqli->next_result());
        }

        //check if the chosen username is already taken
        if ($rows != 0) {

            <h2>

            Register as a new user

```

```

</h2>
<p>
    <b><i>The Username, <?php echo $_POST['username']; ?>, is
    already in use, please choose another!</i></b>
</p>
<form name="register" id="register"
    action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
    onreset="formReset(this); return false;" method="post">
    <fieldset>
        <label for="username">
            Username:
            <input type="text" name="username" id="username" /> *
        </label>
        <label for="password">
            Password:
            <input type="password" name="password" id="password"
                value="<?php echo $_POST['password']; ?>" /> *
        </label>
        <label for="first_name">
            First name:
            <input type="text" name="first_name" id="first_name"
                value="<?php echo $_POST['first_name']; ?>" /> *
        </label>
        <label for="last_name">
            Last name:
            <input type="text" name="last_name" id="last_name"
                value="<?php echo $_POST['last_name']; ?>" /> *
        </label>
        <label for="email">
            Email:
            <input type="text" name="email" id="email"
                value="<?php echo $_POST['email']; ?>" /> *
        </label>
        <div class="buttons">
            <input type="submit" name="submit" id="submit" value="Register" />
            <input type="reset" value="Clear" />
        </div>
        <div class="req_fields_text">
            * Required fields
        </div>
    </fieldset>
</form>
<?php
if (!checkLogin()) {
    print '<a href="./index.php">Back to login</a> ';
}
} else {
    $first_name = $mysqli->real_escape_string($_POST['first_name']);
    $last_name = $mysqli->real_escape_string($_POST['last_name']);
    $email = $mysqli->real_escape_string($_POST['email']);

    $query = "CALL CreateAccount('$username',
        'MD5('$mysqli->real_escape_string($_POST['password'])). '$',
        '$first_name', '$last_name', '$email')";

    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $result->close();
            }
        } while($mysqli->next_result());
    }

    $_SESSION['user_logged'] = $_POST['username'];
    $_SESSION['user_password'] = $_POST['password'];

    <p>
        Thank you, <?php echo $_POST['first_name'] . " " .
        $_POST['last_name']; ?> for registering!
    </p>

    <?php
header("Refresh: 2; URL=index.php");
echo "Your registration is complete! " .
    "You are being redirected to the page you requested!<br>";
echo "(If your browser doesn't support this, " .
    "<a href='./index.php'>click here</a>";
die();

```

```

    } else {
?>

        <h2>
            Register as a new user
        </h2>
        <p>
            <b><i>The Username, Password, First name,<br />Last name
            and Email fields are required!</i></b>
        </p>
        <?php
        if (!($validator->check_email_address($_POST['email']))) {
            print "<p><b><i>Email address incorrect!</i></b></p>";
        }
        ?>
        <form name="register" id="register"
            action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
            onreset="formReset(this); return false;" method="post">
            <fieldset>
                <label for="username">
                    Username:
                    <input type="text" name="username" id="username"
                        value="<?php echo $_POST['username']; ?>" /> *
                </label>
                <label for="password">
                    Password:
                    <input type="password" name="password" id="password"
                        value="<?php echo $_POST['password']; ?>" /> *
                </label>
                <label for="first_name">
                    First name:
                    <input type="text" name="first_name" id="first_name"
                        value="<?php echo $_POST['first_name']; ?>" /> *
                </label>
                <label for="last_name">
                    Last name:
                    <input type="text" name="last_name" id="last_name"
                        value="<?php echo $_POST['last_name']; ?>" /> *
                </label>
                <label for="email">
                    Email:
                    <input type="text" name="email" id="email"
                        value="<?php echo $_POST['email']; ?>" /> *
                </label>
                <div class="buttons">
                    <input type="submit" name="submit" id="submit" value="Register" />
                    <input type="reset" value="Clear" />
                </div>
                <div class="req_fields_text">
                    * Required fields
                </div>
            </fieldset>
        </form>
        <?php
        if (!checkLogin()) {
            print '<a href="./index.php">Back to login</a> ';
        }
    }
} else {
?>

        <h2>
            Register as a new user
        </h2>
        <p><b>
            The Username, Password, First name,<br />Last name and Email fields are required.
        </b></p>
        <form name="register" id="register"
            action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
            onreset="formReset(this); return false;" method="post">
            <fieldset>
                <label for="username">
                    Username:
                    <input type="text" name="username" id="username" /> *
                </label>
                <label for="password">
                    Password:
                    <input type="password" name="password" id="password" /> *
                </label>
            </fieldset>
        </form>
    }
}
?>

```



```

        <label for="first_name">
            First name:
            <input type="text" name="first_name" id="first_name" /> *
        </label>
        <label for="last_name">
            Last name:
            <input type="text" name="last_name" id="last_name" /> *
        </label>
        <label for="email">
            Email:
            <input type="text" name="email" id="email" /> *
        </label>
        <div class="buttons">
            <input type="submit" name="submit" id="submit" value="Register" />
            <input type="reset" value="Clear" />
        </div>
        <div class="req_fields_text">
            * Required fields
        </div>
    </fieldset>
</form>
<?php
if (!checkLogin()) {
    print '<a href="./index.php">Back to login</a> ';
}
}
include "./footer.php";
mysqli->close();
?>

```

8.2.1.53 reset_form.js

```

<!-- Hide from javascript disabled browsers
function formReset(frm) {
    for(var i=0; i<frm.elements.length; i++) {
        if(!(frm.elements[i].type == "submit"
            && !(frm.elements[i].type == "reset"))) {
            frm.elements[i].value = "";
        }
    }
}

```

8.2.1.54 select_all_menu_option.php

```

<?php
session_start();
include "./auth_user.inc.php";
include("./php_functions/redirect.php");

$_SESSION['select_all'] = 1;
redirect("./index.php", 301);
?>

```

8.2.1.55 select_athlete.php

```

<?php
session_start();
ob_start();
include "./header.php";
include "./auth_user.inc.php";
include "./conn_sportlog.inc.php";
include("./php_functions/redirect.php");
include "./middle.php";
//execute if select button pressed
if (isset($_POST['submit']) && $_POST['submit'] == "Select") {
    $_SESSION['selected_athlete'] = mysqli->real_escape_string($_POST['athlete']);
    $_SESSION['select_all'] = 0;
}

```

```

        redirect("./logged_user.php", 301);
    } else {
        <?>
        <div class="margin_select_athlete">
            <h2>Select athlete</h2>
            <?php
                $result = $mysqli->query("CALL GetPersons()")
                or die(mysqli_error($mysqli));

                <?>
                <!-- select user from the list-->
                <form name="select_athlete" id="select_athlete"
                    action="<?php echo $_SERVER['$_PHP_SELF']; ?>" method="post">
                    <fieldset>
                        <select name="athlete" id="athlete">
                            <?php
                                while ($row = $result->fetch_array()) {
                                    <?>
                                    <option value="<?php echo $row['Person']; ?>">
                                    <?php echo $row['Person']; ?></option>
                                    <?php
                                }
                                $result->close();
                                <?>
                            </select>
                            <div class="buttons">
                                <input type="submit" name="submit" id="submit" value="Select" />
                            </div>
                        </fieldset>
                    </form>
                </div>
            <?php
        }
        include "./footer.php";
        $mysqli->close();
        <?>
    }

```

8.2.1.56 show_all_athletes.php

```

<?php
ob_start();
include "./header_show.php";
include "./auth_user.inc.php";
include "./conn_sportlog.inc.php";
print('<body>');
include "./middle.php";
$query = "CALL GetAllPersonInfo()";

$result = $mysqli->query($query)
    or die(mysqli_error($mysqli));

print "<p class='show_title'>Athletes</p>";
print "<table class='datatable'>";
print "<tr class='titlefields_tr'>";
//print one empty column for edit and delete buttons
print "<td class='buttons_td'></td>";
$i=0;
//print field names
while ($finfo = $result->fetch_field()) {
    print "<td class='titlefields_td'>";
    printf($finfo->name);
    if ($finfo->name == "Team") {
        $team_column = $i;
    }
    print "</td>";
    $i++;
}
print "</tr>";
$numfields = $result->field_count;
//print data rows
$j=1;
while ($row = $result->fetch_array()) {
    //define different classes for odd and even rows
    if ($j%2==0) {
        $tr_class = "class='datafields_tr_even'";
    }
}

```

```

    } else {
        $str_class = "class='datafields_tr_odd'";
    }
    print "<tr $str_class>";
    //delete and edit buttons
    if ($row['Person'] != "") {
        print "<td class='buttons_td'>";
        print "<form class='buttons_form' method = 'post'
            action = './edit_athlete.php'>";
        print "<input type = submit name = 'submit_edit' value = 'edit' />";
        print "<input type = 'hidden' name = 'person' value = '". $row['Person']."' />";
        print "<input type = 'hidden' name = 'url'
            value = './show_all_athletes.php' />";
        print "</form>";
        print "<form class='buttons_form' method = 'post'
            action = './delete_athlete.php'>";
        print "<input type = submit name = 'submit_del' value = 'del'
            onClick='return confirmDelete()' />";
        print "<input type = 'hidden' name = 'person' value = '". $row['Person']."' />";
        print "<input type = 'hidden' name = 'url'
            value = './show_all_athletes.php' />";
        print "</form>";
        print "</td>";
    }
    //datafields
    for ($i=0; $i<$numfields; $i++) {
        if ($i==$team_column && $row[$i]!="") {
            $rand_val = rand();
            $url="show_team.php?team=$row[$i]&sid=$rand_val";
            print "<td class='datafields_td'><a href='$url'>$row[$i]</a></td>";
        } else {
            print "<td class='datafields_td'>$row[$i]</td>";
        }
    }
    print "</tr>";
    $j++;
}
print "</table>";
$result->close();
include "./footer.php";
mysqli->close();
?>

```

8.2.1.57 show_all_exercises.php

```

<?php
ob_start();
include "./header_show.php";
include "./auth_user.inc.php";
include "./conn_sportlog.inc.php";
print('<body>');
include "./middle.php";
$query = "CALL GetExercises()";

$result = mysqli->query($query)
    or die(mysqli_error(mysqli));

print "<p class='show_title'>Exercises</p>";
print "<table class='datatable'>";
print "<tr class='titlefields_tr'>";
//print one empty column for edit and delete buttons
print "<td class='buttons_td'></td>";
$i=0;
//print field names
while ($finfo = $result->fetch_field()) {
    print "<td class='titlefields_td'>";
    printf($finfo->name);
    if ($finfo->name == "Person") {
        $person_column = $i;
    }
    if ($finfo->name == "Sport") {
        $sport_column = $i;
    }
    print "</td>";
}

```

```

        $i++;
    }
    print "</tr>";
    $numfields = $result->field_count;
    //print data rows
    $j=1;
    while ($row = $result->fetch_array()) {
        if ($j%2==0) {
            $tr_class = "class='datafields_tr_even'";
        } else {
            $tr_class = "class='datafields_tr_odd'";
        }
        print "<tr $tr_class>";
        //delete and edit buttons
        if ($row['Person'] != "" ) {
            print "<td class='buttons_td'>";
            print "<form class='buttons_form' method = 'post'
                action = './edit_exercise.php'>";
            print "<input type = submit name = 'submit_edit' value = 'edit' />";
            print "<input type = 'hidden' name = 'person'
                value = '". $row['Person']."' />";
            print "<input type = 'hidden' name = 'date'
                value = '". $row['Exercise Date']."' />";
            print "<input type = 'hidden' name = 'time'
                value = '". $row['Exercise Time']."' />";
            print "<input type = 'hidden' name = 'url'
                value = './show_all_exercises.php' />";
            print "</form>";
            print "<form class='buttons_form' method = 'post'
                action = './delete_exercise.php'>";
            print "<input type = submit name = 'submit_del' value = 'del'
                onClick='return confirmDelete()' />";
            print "<input type = 'hidden' name = 'person'
                value = '". $row['Person']."' />";
            print "<input type = 'hidden' name = 'date'
                value = '". $row['Exercise Date']."' />";
            print "<input type = 'hidden' name = 'time'
                value = '". $row['Exercise Time']."' />";
            print "<input type = 'hidden' name = 'url'
                value = './show_all_exercises.php' />";
            print "</form>";
            print "</td>";
        }
        for ($i=0; $i<$numfields; $i++) {
            if ($i==$person_column && $row[$i]!="") {
                $rand_val = rand();
                $url="show_athlete.php?person=$row[$i]&sid=$rand_val";
                print "<td class='datafields_td'><a href='$url'>$row[$i]</a></td>";
            } elseif ($i==$sport_column && $row[$i]!="") {
                $rand_val = rand();
                $url="show_sport.php?sport=$row[$i]&sid=$rand_val";
                print "<td class='datafields_td'><a href='$url'>$row[$i]</a></td>";
            } else {
                print "<td class='datafields_td'>$row[$i]</td>";
            }
        }
        print "</tr>";
        $j++;
    }
    print "</table>";
    $result->close();
    include "./footer.php";
    $mysqli->close();
?>

```

8.2.1.58 show_all_owned_equipment.php

```

<?php
session_start();
ob_start();
include "./header_show.php";
include "./auth_user.inc.php";
include "./conn_sportlog.inc.php";
print('<body>');
include "./middle.php";

```

```

$query = "CALL GetAllOwnedEquipment()";

$result = $mysqli->query($query)
    or die(mysqli_error($mysqli));

print "<p class='show_title'>Owned Equipment</p>";
print "<table class='datatable'>";
print "<tr class='titlefields_tr'>";
//print one empty column for edit and delete buttons
print "<td class='buttons_td'></td>";
$i=0;
//print field names
while ($finfo = $result->fetch_field()) {
    print "<td class='titlefields_td'>";
    printf($finfo->name);
    if ($finfo->name == "Person") {
        $person_column = $i;
    }
    print "</td>";
    $i++;
}
print "</tr>";
$numfields = $result->field_count;
//print data rows
$j=1;
while ($row = $result->fetch_array()) {
    if ($j%2==0) {
        $tr_class = "class='datafields_tr_even'";
    } else {
        $tr_class = "class='datafields_tr_odd'";
    }
    print "<tr $tr_class>";
    //delete and edit buttons
    if ($row['Person'] != "") {
        print "<td class='buttons_td'>";
        print "<form class='buttons_form' method = 'post'";
        print "action = './edit_owned_equipment.php'>";
        print "<input type = submit name = 'submit_edit' value = 'edit' />";
        print "<input type = 'hidden' name = 'person' value = '". $row['Person'] ."' />";
        print "<input type = 'hidden' name = 'brand' value = '". $row['EquipmentBrand'] ."' />";
        print "<input type = 'hidden' name = 'model' value = '". $row['EquipmentModel'] ."' />";
        print "<input type = 'hidden' name = 'url'";
        print "value = './show_all_owned_equipment.php' />";
        print "</form>";
        print "<form class='buttons_form' method = 'post'";
        print "action = './delete_owned_equipment.php'>";
        print "<input type = submit name = 'submit_del' value = 'del'";
        print "onClick='return confirmDelete()' />";
        print "<input type = 'hidden' name = 'person' value = '". $row['Person'] ."' />";
        print "<input type = 'hidden' name = 'brand' value = '". $row['EquipmentBrand'] ."' />";
        print "<input type = 'hidden' name = 'model' value = '". $row['EquipmentModel'] ."' />";
        print "<input type = 'hidden' name = 'url'";
        print "value = './show_all_owned_equipment.php' />";
        print "</form>";
        print "</td>";
    }
    for ($i=0; $i<$numfields; $i++) {
        if ($i==$person_column && $row[$i]!="") {
            $rand_val = rand();
            $url="show_athlete.php?person=$row[$i]&sid=$rand_val";
            print "<td class='datafields_td'><a href='$url'>$row[$i]</a></td>";
        } else {
            print "<td class='datafields_td'>$row[$i]</td>";
        }
    }
    print "</tr>";
    $j++;
}
print "</table>";
$result->close();
include "./footer.php";
$mysqli->close();
?>

```

8.2.1.59 show_all_personal_coaches.php

```

<?php
session_start();
ob_start();
include "../header_show.php";
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
print('<body>');
include "../middle.php";
$query = "CALL GetPersonalCoaches()";

$result = $mysqli->query($query)
    or die(mysqli_error($mysqli));

print "<p class='show_title'>Personal Coaches</p>";
print "<table class='datatable'>";
$numfields = $result->field_count;
print "<tr class='titlefields_tr'>";
//print one empty column for edit and delete buttons
print "<td class='buttons_td'></td>";
$i=0;
//print field names
while ($finfo = $result->fetch_field()) {
    print "<td class='titlefields_td'>";
    printf($finfo->name);
    if ($finfo->name == "Person") {
        $person_column = $i;
    }
    if ($finfo->name == "Coach") {
        $coach_column = $i;
    }
    print "</td>";
    $i++;
}
print "</tr>";

//print data rows
$j=1;
while ($row = $result->fetch_array()) {
    if ($j%2==0) {
        $tr_class = "class='datafields_tr_even'";
    } else {
        $tr_class = "class='datafields_tr_odd'";
    }
    print "<tr $tr_class>";
    //delete and edit buttons
    if ($row['Person'] != "") {
        print "<td class='buttons_td'>";
        print "<form class='buttons_form' method = 'post'";
        print "    action = './edit_personal_coach.php'>";
        print "<input type = 'submit' name = 'submit_edit' value = 'edit' />";
        print "<input type = 'hidden' name = 'person' value = '". $row['Person'] ."' />";
        print "<input type = 'hidden' name = 'coach' value = '". $row['Coach'] ."' />";
        print "<input type = 'hidden' name = 'url'";
        print "    value = './show_all_personal_coaches.php' />";
        print "</form>";
        print "<form class='buttons_form' method = 'post'";
        print "    action = './delete_personal_coach.php'>";
        print "<input type = 'submit' name = 'submit_del' value = 'del'";
        print "    onClick='return confirmDelete()' />";
        print "<input type = 'hidden' name = 'person' value = '". $row['Person'] ."' />";
        print "<input type = 'hidden' name = 'coach' value = '". $row['Coach'] ."' />";
        print "<input type = 'hidden' name = 'url'";
        print "    value = './show_all_personal_coaches.php' />";
        print "</form>";
        print "</td>";
    }
    for ($i=0; $i<$numfields; $i++) {
        if ($i==$person_column && $row[$i]!="") {
            $rand_val = rand();
            $url="show_athlete.php?person=$row[$i]&sid=$rand_val";
            print "<td class='datafields_td'><a href='$url'>$row[$i]</a></td>";
        } elseif ($i==$coach_column && $row[$i]!="") {
            $rand_val = rand();
            $url="show_coach.php?coach=$row[$i]&sid=$rand_val";

```

```

                print "<td class='datafields_td'><a href='$url'$row[$i]</a></td>";
            } else {
                print "<td class='datafields_td'>$row[$i]</td>";
            }
        }
        print "</tr>";
        $j++;
    }
    print "</table>";
    $result->close();
    include "../footer.php";
    $mysqli->close();
    ?>

```

8.2.1.60 show_athlete.php

```

<?php
session_start();
ob_start();
include "../header_show.php";
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
print('<body>');
include "../middle.php";
$person = $mysqli->real_escape_string($_GET["person"]);

$query = "CALL GetOnePersonInfo('$person')";

$result = $mysqli->query($query)
    or die(mysqli_error($mysqli));

print "<p class='show_title'>Athlete</p>";
print "<table class='datatable'>";
print "<tr class='titlefields_tr'>";
//print one empty column for edit and delete buttons
print "<td class='buttons_td'></td>";
$i=0;
//print field names
while ($finfo = $result->fetch_field()) {
    print "<td class='titlefields_td'>";
    printf($finfo->name);
    if ($finfo->name == "Team") {
        $team_column = $i;
    }
    print "</td>";
    $i++;
}
print "</tr>";
$numfields = $result->field_count;
//print data rows
$j=1;
while ($row = $result->fetch_array()) {
    if ($j%2==0) {
        $tr_class = "class='datafields_tr_even'";
    } else {
        $tr_class = "class='datafields_tr_odd'";
    }
    print "<tr $tr_class>";
    //delete and edit buttons
    if ($row['Person'] != "") {
        print "<td class='buttons_td'>";
        print "<form class='buttons_form' method = 'post'";
        print "    action = './edit_athlete.php'>";
        print "<input type = submit name = 'submit_edit' value = 'edit' />";
        print "<input type = 'hidden' name = 'person' value = '". $row['Person'] ."' />";
        print "<input type = 'hidden' name = 'url'";
        print "    value = './show_athlete.php?person={ $person }' />";
        print "</form>";
        print "<form class='buttons_form' method = 'post'";
        print "    action = './delete_athlete.php'>";
        print "<input type = submit name = 'submit_del' value = 'del'";
        print "    onClick='return confirmDelete()' />";
        print "<input type = 'hidden' name = 'person' value = '". $row['Person'] ."' />";
        print "<input type = 'hidden' name = 'url'";
    }
}

```

```

        value = './show_athlete.php?person={$person}' />";
    print "</form>";
    print "</td>";
}
for ($i=0; $i<$numfields; $i++) {
    if ($i==$team_column && $row[$i]!="") {
        $rand_val = rand();
        $url="show_team.php?team=$row[$i]&sid=$rand_val";
        print "<td class='datafields_td'><a href='$url'>$row[$i]</a></td>";
    } else {
        print "<td class='datafields_td'>$row[$i]</td>";
    }
}
print "</tr>";
$j++;
}
print "</table>";
$result->close();
include "./footer.php";
mysqli->close();
?>

```

8.2.1.61 show_coaches.php

```

<?php
session_start();
ob_start();
include "./header_show.php";
include "./auth_user.inc.php";
include "./conn_sportlog.inc.php";
print('<body>');
include "./middle.php";
$query = "CALL GetAllCoachInfo()";

$result = mysqli->query($query)
    or die(mysqli_error(mysqli));

print "<p class='show_title'>Coaches</p>";
print "<table class='datatable'>";
print "<tr class='titlefields_tr'>";
//print one empty column for edit and delete buttons
print "<td class='buttons_td'></td>";
$i=0;
//print field names
while ($finfo = $result->fetch_field()) {
    print "<td>";
    printf($finfo->name);
    if ($finfo->name == "Team") {
        $team_column = $i;
    }
    print "</td>";
    $i++;
}
print "</tr>";
$numfields = $result->field_count;
//print data rows
$j=1;
while ($row = $result->fetch_array()) {
    if ($j%2==0) {
        $tr_class = "class='datafields_tr_even'";
    } else {
        $tr_class = "class='datafields_tr_odd'";
    }
    print "<tr $tr_class>";
    //delete and edit buttons
    if ($row['Coach'] != "") {
        print "<td class='buttons_td'>";
        print "<form class='buttons_form' method = 'post'";
        print "action = './edit_coach.php'>";
        print "<input type = 'submit' name = 'submit_edit' value = 'edit' />";
        print "<input type = 'hidden' name = 'coach' value = '". $row['Coach']. "' />";
        print "<input type = 'hidden' name = 'url'";
        print "value = './show_coaches.php' />";
        print "</form>";
    }
}

```



```

        print "<form class='buttons_form' method = 'post'
              action = './delete_coach.php'>";
        print "<input type = submit name = 'submit_del' value = 'del'
              onClick='return confirmDelete()' />";
        print "<input type = 'hidden' name = 'coach' value = '". $row['Coach']."' />";
        print "<input type = 'hidden' name = 'url'
              value = './show_coaches.php' />";
        print "</form>";
        print "</td>";
    }
    //data columns
    for ($i=0; $i<$numfields; $i++) {
        if ($i==$team_column && $row[$i]!="") {
            $rand_val = rand();
            $url="show_team.php?team=$row[$i]&sid=$rand_val";
            print "<td class='datafields_td'><a href='$url'>$row[$i]</a></td>";
        } else {
            print "<td class='datafields_td'>$row[$i]</td>";
        }
    }
    print "</tr>";
    $j++;
}
print "</table>";
$result->close();
include "./footer.php";
mysqli->close();
?>

```

8.2.1.62 show_coach.php

```

<?php
ob_start();
include "./header_show.php";
include "./auth_user.inc.php";
include "./conn_sportlog.inc.php";
print('<body>');
include "./middle.php";
$coach = $mysqli->real_escape_string($_GET["coach"]);

$query = "CALL GetAllCoachInfo_OneCoach('$coach')";

$result = $mysqli->query($query)
    or die(mysqli_error($mysqli));

print "<p class='show_title'>Coach</p>";
print "<table class='datatable'>";
print "<tr class='titlefields_tr'>";
//print one empty column for edit and delete buttons
print "<td class='buttons_td'></td>";
$i=0;
//print field names
while ($finfo = $result->fetch_field()) {
    print "<td class='titlefields_td'>";
    printf($finfo->name);
    if ($finfo->name == "Team") {
        $team_column = $i;
    }
    print "</td>";
    $i++;
}
print "</tr>";
$numfields = $result->field_count;
//print data rows
$j=1;
while ($row = $result->fetch_array()) {
    if ($j%2==0) {
        $tr_class = "class='datafields_tr_even'";
    } else {
        $tr_class = "class='datafields_tr_odd'";
    }
    print "<tr $tr_class>";
    //delete and edit buttons
    if ($row['Coach'] != "") {

```

```

        print "<td class='buttons_td'>";
        print "<form class='buttons_form' method = 'post'
              action = './edit_coach.php'>";
        print "<input type = submit name = 'submit_edit' value = 'edit' />";
        print "<input type = 'hidden' name = 'coach' value = '". $row['Coach']. "' />";
        print "<input type = 'hidden' name = 'url'
              value = './show_coach.php?coach={ $coach}' />";
        print "</form>";
        print "<form class='buttons_form' method = 'post'
              action = './delete_coach.php'>";
        print "<input type = submit name = 'submit_del' value = 'del'
              onClick='return confirmDelete()' />";
        print "<input type = 'hidden' name = 'coach' value = '". $row['Coach']. "' />";
        print "<input type = 'hidden' name = 'url'
              value = './show_coach.php?coach={ $coach}' />";
        print "</form>";
        print "</td>";
    }
    //data columns
    for ($i=0; $i<$numfields; $i++) {
        if ($i==$team_column && $row[$i]!="") {
            $rand_val = rand();
            $url="show_team.php?team=$row[$i]&sid=$rand_val";
            print "<td class='datafields_td'><a href='$url'>$row[$i]</a></td>";
        } else {
            print "<td class='datafields_td'>$row[$i]</td>";
        }
    }
    print "</tr>";
    $j++;
}
print "</table>";
$result->close();
include "./footer.php";
mysqli->close();
?>

```

8.2.1.63 show_equipment.php

```

<?php
session_start();
ob_start();
include "./header_show.php";
include "./auth_user.inc.php";
include "./conn_sportlog.inc.php";
print('<body>');
include "./middle.php";
$query = "CALL GetAllEquipmentInfo()";

$result = $mysqli->query($query)
        or die(mysqli_error($mysqli));

print "<p class='show_title'>Equipment</p>";
print "<table class='datatable'>";
print "<tr class='titlefields_tr'>";
//print one empty column for edit and delete buttons
print "<td class='buttons_td'></td>";
$i=0;
//print field names
while ($finfo = $result->fetch_field()) {
    print "<td class='titlefields_td'>";
    printf($finfo->name);
    if ($finfo->name == "Sport") {
        $sport_column = $i;
    }
    print "</td>";
    $i++;
}
print "</tr>";

$numfields = $result->field_count;

//print data rows
$j=1;

```

```

while ($row = $result->fetch_array()) {
    if ($j%2==0) {
        $tr_class = "class='datafields_tr_even'";
    } else {
        $tr_class = "class='datafields_tr_odd'";
    }
    print "<tr $tr_class>";
    //delete and edit buttons
    if ($row['Brand'] != "") {
        print "<td class='buttons_td'>";
        print "<form class='buttons_form' method = 'post'
            action = './edit_equipment.php'>";
        print "<input type = submit name = 'submit_edit' value = 'edit' />";
        print "<input type = 'hidden' name = 'brand' value = '". $row['Brand']."' />";
        print "<input type = 'hidden' name = 'model' value = '". $row['Model']."' />";
        print "<input type = 'hidden' name = 'sport' value = '". $row['Sport']."' />";
        print "<input type = 'hidden' name = 'url'
            value = './show_equipment.php' />";
        print "</form>";
        print "<form class='buttons_form' method = 'post'
            action = './delete_equipment.php'>";
        print "<input type = submit name = 'submit_del' value = 'del'
            onClick='return confirmDelete()'>";
        print "<input type = 'hidden' name = 'brand' value = '". $row['Brand']."' />";
        print "<input type = 'hidden' name = 'model' value = '". $row['Model']."' />";
        print "<input type = 'hidden' name = 'sport' value = '". $row['Sport']."' />";
        print "<input type = 'hidden' name = 'url'
            value = './show_equipment.php' />";
        print "</form>";
        print "</td>";
    }
    //data columns
    for ($i=0; $i<$numfields; $i++) {
        if ($i==$sport_column && $row[$i]!="") {
            $rand_val = rand();
            $url="show_sport.php?sport=$row[$i]&sid=$rand_val";
            print "<td class='datafields_td'><a href='$url'>$row[$i]</a></td>";
        } else {
            print "<td class='datafields_td'>$row[$i]</td>";
        }
    }
    print "</tr>";
    $j++;
}
print "</table>";
$result->close();
include "./footer.php";
$mysqli->close();
?>

```

8.2.1.64 show_exercises.php

```

<?php
session_start();
ob_start();
include "./header_show.php";
include "./auth_user.inc.php";
include "./conn_sportlog.inc.php";
print('<body>');
include "./middle.php";
$query = "CALL GetExercises_OneAthlete('".$_SESSION['selected_athlete']."' );";

$result = $mysqli->query($query)
    or die(mysqli_error($mysqli));

print "<p class='show_title'>Exercises</p>";
print "<table class='datatable'>";
print "<tr class='titlefields_tr'>";
//print one empty column for edit and delete buttons
print "<td class='buttons_td'></td>";
$i=0;
//print field names
while ($finfo = $result->fetch_field()) {
    print "<td class='titlefields_td'>";
}

```

```

printf($finfo->name);
if ($finfo->name == "Person") {
    $person_column = $i;
}
if ($finfo->name == "Sport") {
    $sport_column = $i;
}
print "</td>";
$i++;
}
print "</tr>";
$numfields = $result->field_count;
//print data rows
$j=1;
while ($row = $result->fetch_array()) {
    if ($j%2==0) {
        $tr_class = "class='datafields_tr_even'";
    } else {
        $tr_class = "class='datafields_tr_odd'";
    }
    print "<tr $tr_class>";
    //delete and edit buttons
    if ($row['Person'] != "" ) {
        print "<td class='buttons_td'>";
        print "<form class='buttons_form' method = 'post'
            action = './edit_exercise.php'>";
        print "<input type = submit name = 'submit_edit' value = 'edit' />";
        print "<input type = 'hidden' name = 'person'
            value = '". $row['Person']. "' />";
        print "<input type = 'hidden' name = 'date'
            value = '". $row['Exercise Date']. "' />";
        print "<input type = 'hidden' name = 'time'
            value = '". $row['Exercise Time']. "' />";
        print "<input type = 'hidden' name = 'url'
            value = './show_exercises.php' />";
        print "</form>";
        print "<form class='buttons_form' method = 'post'
            action = './delete_exercise.php'>";
        print "<input type = submit name = 'submit_del' value = 'del'
            onClick='return confirmDelete()' />";
        print "<input type = 'hidden' name = 'person'
            value = '". $row['Person']. "' />";
        print "<input type = 'hidden' name = 'date'
            value = '". $row['Exercise Date']. "' />";
        print "<input type = 'hidden' name = 'time'
            value = '". $row['Exercise Time']. "' />";
        print "<input type = 'hidden' name = 'url'
            value = './show_exercises.php' />";
        print "</form>";
        print "</td>";
    }
    for ($i=0; $i<$numfields; $i++) {
        if ($i==$person_column && $row[$i]!="") {
            $rand_val = rand();
            $url="show_athlete.php?person=$row[$i]&sid=$rand_val";
            print "<td class='datafields_td'><a href='$url'>$row[$i]</a></td>";
        } elseif ($i==$sport_column && $row[$i]!="") {
            $rand_val = rand();
            $url="show_sport.php?sport=$row[$i]&sid=$rand_val";
            print "<td class='datafields_td'><a href='$url'>$row[$i]</a></td>";
        } else {
            print "<td class='datafields_td'>$row[$i]</td>";
        }
    }
    print "</tr>";
    $j++;
}
print "</table>";
$result->close();
include "./footer.php";
mysqli->close();
?>

```

8.2.1.65 show_matches.php

```

<?php
session_start();
ob_start();
include "../header_show.php";
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
print('<body>');
include "../middle.php";
$query = "CALL GetMatches()";

$result = $mysqli->query($query)
    or die(mysqli_error($mysqli));

print "<p class='show_title'>Matches</p>";
print "<table class='datatable'>";
$i=0;
print "<tr class='titlefields_tr'>";
//print one empty column for edit and delete buttons
print "<td class='buttons_td'></td>";
//print field names
while ($finfo = $result->fetch_field()) {
    print "<td class='titlefields_td'>";
    printf($finfo->name);
    if ($finfo->name == "Sport") {
        $sport_column = $i;
    }
    if ($finfo->name == "Home Team") {
        $hteam_column = $i;
    }
    if ($finfo->name == "Guest Team") {
        $gteam_column = $i;
    }
    print "</td>";
    $i++;
}
print "</tr>";
$numfields = $result->field_count;
//print data rows
$j=1;
while ($row = $result->fetch_array()) {
    if ($j%2==0) {
        $tr_class = "class='datafields_tr_even'";
    } else {
        $tr_class = "class='datafields_tr_odd'";
    }
    print "<tr $tr_class>";
    //delete and edit buttons
    if ($row['Match'] != "") {
        print "<td class='buttons_td'>";
        print "<form class='buttons_form' method = 'post'
            action = './edit_match.php'>";
        print "<input type = 'submit' name = 'submit_edit' value = 'edit' />";
        print "<input type = 'hidden' name = 'match' value = '". $row['Match'] ."' />";
        print "<input type = 'hidden' name = 'date' value = '". $row['Date'] ."' />";
        print "<input type = 'hidden' name = 'url' value = './show_matches.php' />";
        print "</form>";
        print "<form class='buttons_form' method = 'post'
            action = './delete_match.php'>";
        print "<input type = 'submit' name = 'submit_del' value = 'del'
            onClick='return confirmDelete()' />";
        print "<input type = 'hidden' name = 'match' value = '". $row['Match'] ."' />";
        print "<input type = 'hidden' name = 'date' value = '". $row['Date'] ."' />";
        print "<input type = 'hidden' name = 'url' value = './show_matches.php' />";
        print "</form>";
        print "</td>";
    }
    for ($i=0; $i<$numfields; $i++) {
        if ($i==$sport_column && $row[$i]!="") {
            $rand_val = rand();
            $url="show_sport.php?sport=$row[$i]&sid=$rand_val";
            print "<td class='datafields_td'><a href='$url'>$row[$i]</a></td>";
        } elseif ($i==$hteam_column && $row[$i]!="") {
            $rand_val = rand();

```

```

        $url="show_team.php?team=$row[$i]&sid=$rand_val";
        print "<td class='datafields_td'><a href='$url'>$row[$i]</a></td>";
    } elseif ($i==$gteam_column && $row[$i]!="") {
        $rand_val = rand();
        $url="show_team.php?team=$row[$i]&sid=$rand_val";
        print "<td class='datafields_td'><a href='$url'>$row[$i]</a></td>";
    } else {
        print "<td class='datafields_td'>$row[$i]</td>";
    }
}
print "</tr>";
$j++;
}
print "</table>";
$result->close();
include "../footer.php";
mysqli->close();
?>

```

8.2.1.66 show_owned_equipment.php

```

<?php
session_start();
ob_start();
include "../header_show.php";
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
print('<body>');
include "../middle.php";
$query = "CALL GetOwnedEquipment('" . $_SESSION['selected_athlete'] . "')";

$result = mysqli->query($query)
    or die(mysqli_error(mysqli));

print "<p class='show_title'>Owned Equipment</p>";
print "<table class='datatable'>";
print "<tr class='titlefields_tr'>";
//print one empty column for edit and delete buttons
print "<td class='buttons_td'></td>";
$i=0;
//print field names
while ($finfo = $result->fetch_field()) {
    print "<td class='titlefields_td'>";
    printf($finfo->name);
    if ($finfo->name == "Person") {
        $person_column = $i;
    }
    print "</td>";
    $i++;
}
print "</tr>";
$numfields = $result->field_count;
//print data rows
$j=1;
while ($row = $result->fetch_array()) {
    if ($j%2==0) {
        $tr_class = "class='datafields_tr_even'";
    } else {
        $tr_class = "class='datafields_tr_odd'";
    }
    print "<tr $tr_class>";
    //delete and edit buttons
    if ($row['Person'] != "") {
        print "<td class='buttons_td'>";
        print "<form class='buttons_form' method = 'post'";
        print "    action = '../edit_owned_equipment.php'>";
        print "<input type = 'submit' name = 'submit_edit' value = 'edit' />";
        print "<input type = 'hidden' name = 'person' value = '". $row['Person'] ."' />";
        print "<input type = 'hidden' name = 'brand' value = '". $row['EquipmentBrand'] ."' />";
        print "<input type = 'hidden' name = 'model' value = '". $row['EquipmentModel'] ."' />";
        print "<input type = 'hidden' name = 'url'";
        print "    value = '../show_owned_equipment.php' />";
        print "</form>";
        print "<form class='buttons_form' method = 'post'";
    }
}

```

```

        action = './delete_owned_equipment.php'>";
    print "<input type = submit name = 'submit_del' value = 'del'
        onClick='return confirmDelete()' />";
    print "<input type = 'hidden' name = 'person' value = '". $row['Person']. "' />";
    print "<input type = 'hidden' name = 'brand' value = '". $row['EquipmentBrand']. "' />";
    print "<input type = 'hidden' name = 'model' value = '". $row['EquipmentModel']. "' />";
    print "<input type = 'hidden' name = 'url'
        value = './show_owned_equipment.php' />";
    print "</form>";
    print "</td>";
}
for ($i=0; $i<$numfields; $i++) {
    if ($i==$person_column && $row[$i]!="") {
        $rand_val = rand();
        $url="show_athlete.php?person=$row[$i]&sid=$rand_val";
        print "<td class='datafields_td'><a href='$url'>$row[$i]</a></td>";
    } else {
        print "<td class='datafields_td'>$row[$i]</td>";
    }
}
print "</tr>";
$j++;
}
print "</table>";
$result->close();
include "./footer.php";
mysqli->close();
?>

```

8.2.1.67 show_personal_coaches.php

```

<?php
session_start();
ob_start();
include "./header_show.php";
include "./auth_user.inc.php";
include "./conn_sportlog.inc.php";
print('<body>');
include "./middle.php";
$query = "CALL GetPersonalCoaches_OnePerson('".$_SESSION['selected_athlete']."' ) ";

$result = $mysqli->query($query)
    or die(mysqli_error($mysqli));

print "<p class='show_title'>Personal Coaches</p>";
print "<table class='datatable'>";
print "<tr class='titlefields_tr'>";
//print one empty column for edit and delete buttons
print "<td class='buttons_td'></td>";
$i=0;
//print field names
while ($finfo = $result->fetch_field()) {
    print "<td class='titlefields_td'>";
    printf($finfo->name);
    if ($finfo->name == "Person") {
        $person_column = $i;
    }
    if ($finfo->name == "Coach") {
        $coach_column = $i;
    }
    print "</td>";
    $i++;
}
print "</tr>";
$numfields = $result->field_count;
//print data rows
$j=1;
while ($row = $result->fetch_array()) {
    if ($j%2==0) {
        $tr_class = "class='datafields_tr_even'";
    } else {
        $tr_class = "class='datafields_tr_odd'";
    }
    print "<tr $tr_class>";
}

```

```

//delete and edit buttons
if ($row['Person'] != "") {
    print "<td class='buttons_td'>";
    print "<form class='buttons_form' method = 'post'
        action = './edit_personal_coach.php'>";
    print "<input type = submit name = 'submit_edit' value = 'edit' />";
    print "<input type = 'hidden' name = 'person' value = '". $row['Person'] ."' />";
    print "<input type = 'hidden' name = 'coach' value = '". $row['Coach'] ."' />";
    print "<input type = 'hidden' name = 'url'
        value = './show_personal_coaches.php' />";
    print "</form>";
    print "<form class='buttons_form' method = 'post'
        action = './delete_personal_coach.php'>";
    print "<input type = submit name = 'submit_del' value = 'del'
        onClick='return confirmDelete()' />";
    print "<input type = 'hidden' name = 'person' value = '". $row['Person'] ."' />";
    print "<input type = 'hidden' name = 'coach' value = '". $row['Coach'] ."' />";
    print "<input type = 'hidden' name = 'url'
        value = './show_personal_coaches.php' />";
    print "</form>";
    print "</td>";
}
for ($i=0; $i<$numfields; $i++) {
    if ($i==$person_column && $row[$i]!="") {
        $rand_val = rand();
        $url="show_athlete.php?person=$row[$i]&sid=$rand_val";
        print "<td class='datafields_td'><a href='$url'>$row[$i]</a></td>";
    } elseif ($i==$coach_column && $row[$i]!="") {
        $rand_val = rand();
        $url="show_coach.php?coach=$row[$i]&sid=$rand_val";
        print "<td class='datafields_td'><a href='$url'>$row[$i]</a></td>";
    } else {
        print "<td class='datafields_td'>$row[$i]</td>";
    }
}
print "</tr>";
$j++;
}
print "</table>";
$result->close();
include "./footer.php";
mysqli->close();
?>

```

8.2.1.68 show_selected_athlete.php

```

<?php
session_start();
ob_start();
include "./header_show.php";
include "./auth_user.inc.php";
include "./conn_sportlog.inc.php";
print('<body>');
include "./middle.php";
$query = "CALL GetOnePersonInfo(' " . $_SESSION['selected_athlete'] . " ' ) ";

$result = mysqli->query($query)
    or die(mysqli_error($mysqli));

print "<p class='show_title'>Athlete</p>";
print "<table class='datatable'>";
print "<tr class='titlefields_tr'>";
//print one empty column for edit and delete buttons
print "<td class='buttons_td'></td>";
$i=0;
//print field names
while ($finfo = $result->fetch_field()) {
    print "<td class='titlefields_td'>";
    printf($finfo->name);
    if ($finfo->name == "Team") {
        $team_column = $i;
    }
    print "</td>";
    $i++;
}

```



```

}
print "</tr>";
$numfields = $result->field_count;
//print data rows
$j=1;
while ($row = $result->fetch_array()) {
    if ($j%2==0) {
        $tr_class = "class='datafields_tr_even'";
    } else {
        $tr_class = "class='datafields_tr_odd'";
    }
    print "<tr $tr_class>";
    //delete and edit buttons
    if ($row['Person'] != "") {
        print "<td class='buttons_td'>";
        print "<form class='buttons_form' method = 'post'";
        print "    action = './edit_athlete.php'>";
        print "<input type = submit name = 'submit_edit' value = 'edit' />";
        print "<input type = 'hidden' name = 'person' value = '". $row['Person']."' />";
        print "<input type = 'hidden' name = 'url'";
        print "    value = './show_selected_athlete.php' />";
        print "</form>";
        print "<form class='buttons_form' method = 'post'";
        print "    action = './delete_athlete.php'>";
        print "<input type = submit name = 'submit_del' value = 'del'";
        print "    onClick='return confirmDelete()' />";
        print "<input type = 'hidden' name = 'person' value = '". $row['Person']."' />";
        print "<input type = 'hidden' name = 'url'";
        print "    value = './show_selected_athlete.php' />";
        print "</form>";
        print "</td>";
    }
    for ($i=0; $i<$numfields; $i++) {
        if ($i==$team_column && $row[$i]!="") {
            $rand_val = rand();
            $url="show_team.php?team=$row[$i]&sid=$rand_val";
            print "<td class='datafields_td'><a href='$url'>$row[$i]</a></td>";
        } else {
            print "<td class='datafields_td'>$row[$i]</td>";
        }
    }
    print "</tr>";
    $j++;
}
print "</table>";
$result->close();
include "./footer.php";
mysqli->close();
?>

```

8.2.1.69 show_sport.php

```

<?php
ob_start();
include "./header_show.php";
include "auth_user.inc.php";
include "conn_sportlog.inc.php";
print('<body>');
include "./middle.php";
$sport = mysqli->real_escape_string($_GET["sport"]);

$query = "CALL GetOneSportInfo('$sport')";

$result = mysqli->query($query)
    or die(mysqli_error(mysqli));

print "<p class='show_title'>Sport</p>";
print "<table class='datatable'>";
print "<tr class='titlefields_tr'>";
//print one empty column for edit and delete buttons
print "<td class='buttons_td'></td>";
//print field names
while ($finfo = $result->fetch_field()) {
    print "<td class='titlefields_td'>";
}

```

```

        printf($finfo->name);
        print "</td>";
    }
    print "</tr>";
    $numfields = $result->field_count;
    //print data rows
    $j=1;
    while ($row = $result->fetch_array()) {
        if ($j%2==0) {
            $tr_class = "class='datafields_tr_even'";
        } else {
            $tr_class = "class='datafields_tr_odd'";
        }
        print "<tr $tr_class>";
        //delete and edit buttons
        if ($row['Sport'] != "") {
            print "<td class='buttons_td'>";
            print "<form class='buttons_form' method = 'post'
                action = './edit_sport.php'>";
            print "<input type = submit name = 'submit_edit' value = 'edit' />";
            print "<input type = 'hidden' name = 'sport' value = '". $row['Sport'] ."' />";
            print "<input type = 'hidden' name = 'url'
                value = './show_sport.php?sport=$sport' />";
            print "</form>";
            print "<form class='buttons_form' method = 'post'
                action = './delete_sport.php'>";
            print "<input type = submit name = 'submit_del' value = 'del'
                onClick='return confirmDelete()' />";
            print "<input type = 'hidden' name = 'sport' value = '". $row['Sport'] ."' />";
            print "<input type = 'hidden' name = 'url'
                value = './show_sport.php?sport=$sport' />";
            print "</form>";
            print "</td>";
        }
        for ($i=0; $i<$numfields; $i++) {
            print "<td class='datafields_td'>$row[$i]</td>";
        }
        print "</tr>";
        $j++;
    }
    print "</table>";
    $result->close();
    include "./footer.php";
    $mysqli->close();
?>

```

8.2.1.70 show_sports.php

```

<?php
ob_start();
include "header_show.php";
include "auth_user.inc.php";
include "conn_sportlog.inc.php";
print('<body>');
include "./middle.php";
$query = "CALL GetAllSportInfo()";

$result = $mysqli->query($query)
    or die(mysqli_error($mysqli));

print "<p class='show_title'>Sport</p>";
print "<table class='datatable'>";
print "<tr class='titlefields_tr'>";
//print one empty column for edit and delete buttons
print "<td class='buttons_td'></td>";
//print field names
while ($finfo = $result->fetch_field()) {
    print "<td class='titlefields_td'>";
    printf($finfo->name);
    print "</td>";
}
print "</tr>";
$numfields = $result->field_count;
//print data rows

```

```

$ج=1;
while ($row = $result->fetch_array()) {
    if ($ج%2==0) {
        $tr_class = "class='datafields_tr_even'";
    } else {
        $tr_class = "class='datafields_tr_odd'";
    }
    print "<tr $tr_class>";
    //delete and edit buttons
    if ($row['Sport'] != "") {
        print "<td class='buttons_td'>";
        print "<form class='buttons_form' method = 'post'
            action = './edit_sport.php'>";
        print "<input type = submit name = 'submit_edit' value = 'edit' />";
        print "<input type = 'hidden' name = 'sport' value = '". $row['Sport'] ."' />";
        print "<input type = 'hidden' name = 'url'
            value = './show_sports.php' />";
        print "</form>";
        print "<form class='buttons_form' method = 'post'
            action = './delete_sport.php'>";
        print "<input type = submit name = 'submit_del' value = 'del'
            onClick='return confirmDelete()' />";
        print "<input type = 'hidden' name = 'sport' value = '". $row['Sport'] ."' />";
        print "<input type = 'hidden' name = 'url'
            value = './show_sports.php' />";
        print "</form>";
        print "</td>";
    }
    for ($i=0; $i<$numfields; $i++) {
        print "<td class='datafields_td'>$row[$i]</td>";
    }
    print "</tr>";
    $ج++;
}
print "</table>";
$result->close();
include "./footer.php";
$mysqli->close();
?>

```

8.2.1.71 show_summary_all.php

```

<?php
ob_start();
include "./header_show.php";
include "./auth_user.inc.php";
include "./conn_sportlog.inc.php";
print('<body>');
include "./middle.php";
$query = "CALL GetTotalDistanceAndDuration()";

$result = $mysqli->query($query)
    or die(mysqli_error($mysqli));

print "<p class='show_title'>Summary</p>";
print "<table class='datatable'>";
print "<tr class='titlefields_tr'>";
$ج=0;
//print field names
while ($finfo = $result->fetch_field()) {
    print "<td class='titlefields_td'>";
    $fname = $finfo->name;
    if ($fname == 'Total_Distance') {
        $fname = "Total Distance";
    }
    if ($fname == 'Total_Duration') {
        $fname = "Total Duration";
    }
    printf($fname);
    if ($fname == "Sport") {
        $sport_column = $ج;
    }
    print "</td>";
    $ج++;
}

```

```

}
print "</tr>";
$numfields = $result->field_count;
//print data rows
$j=1;
while ($row = $result->fetch_array()) {
    //define different classes for odd and even rows
    if ($j%2==0) {
        $tr_class = "class='datafields_tr_even'";
    } else {
        $tr_class = "class='datafields_tr_odd'";
    }
    print "<tr $tr_class>";
    //datafields
    for ($i=0; $i<$numfields; $i++) {
        if ($i==$sport_column && $row[$i]!="") {
            $rand_val = rand();
            $url="show_sport.php?sport=$row[$i]&sid=$rand_val";
            print "<td class='datafields_td'><a href='$url'>$row[$i]</a></td>";
        } else {
            print "<td class='datafields_td'>$row[$i]</td>";
        }
    }
    print "</tr>";
    $j++;
}
print "</table>";
$result->close();
include "../footer.php";
mysqli->close();
?>

```

8.2.1.72 show_summary.php

```

<?php
ob_start();
include "../header_show.php";
include "../auth_user.inc.php";
include "../conn_sportlog.inc.php";
print('<body>');
include "../middle.php";
$query = "CALL GetTotalDistanceAndDurationByPerson('".$_SESSION['selected_athlete']."'");

$result = $mysqli->query($query)
    or die(mysqli_error($mysqli));

print "<p class='show_title'>Summary</p>";
print "<table class='datatable'>";
print "<tr class='titlefields_tr'>";
$i=0;
//print field names
while ($finfo = $result->fetch_field()) {
    print "<td class='titlefields_td'>";
    $fname = $finfo->name;
    printf($fname);
    if ($fname == "Person") {
        $person_column = $i;
    }
    if ($fname == "Sport") {
        $sport_column = $i;
    }
    print "</td>";
    $i++;
}
print "</tr>";
$numfields = $result->field_count;
//print data rows
$j=1;
while ($row = $result->fetch_array()) {
    //define different classes for odd and even rows
    if ($j%2==0) {
        $tr_class = "class='datafields_tr_even'";
    } else {
        $tr_class = "class='datafields_tr_odd'";
    }

```

```

    }
    print "<tr $tr_class>";
    //datafields
    for ($i=0; $i<$numfields; $i++) {
        if ($i==$person_column && $row[$i]!="") {
            $rand_val = rand();
            $url="show_person.php?person=$row[$i]&sid=$rand_val";
            print "<td class='datafields_td'><a href='$url'>$row[$i]</a></td>";
        } elseif ($i==$sport_column && $row[$i]!="") {
            $rand_val = rand();
            $url="show_sport.php?sport=$row[$i]&sid=$rand_val";
            print "<td class='datafields_td'><a href='$url'>$row[$i]</a></td>";
        } else {
            print "<td class='datafields_td'>$row[$i]</td>";
        }
    }
    print "</tr>";
    $j++;
}
print "</table>";
$result->close();
include "../footer.php";
mysqli->close();
?>

```

8.2.1.73 show_team.php

```

<?php
ob_start();
include "../header_show.php";
include "auth_user.inc.php";
include "conn_sportlog.inc.php";
print('<body>');
include "../middle.php";
$team = mysqli->real_escape_string($_GET["team"]);

$query = "CALL GetTeamInfo('$team')";

$result = mysqli->query($query)
    or die(mysqli_error(mysqli));

print "<p class='show_title'>Team</p>";
print "<table class='datatable'>";
print "<tr class='titlefields_tr'>";
//print one empty column for edit and delete buttons
print "<td class='buttons_td'></td>";
//print field names
while ($finfo = $result->fetch_field()) {
    print "<td class='titlefields_td'>";
    printf($finfo->name);
    print "</td>";
}
print "</tr>";
$numfields = $result->field_count;
//print data rows
$j=1;
while ($row = $result->fetch_array()) {
    if ($j%2==0) {
        $tr_class = "class='datafields_tr_even'";
    } else {
        $tr_class = "class='datafields_tr_odd'";
    }
    print "<tr $tr_class>";
    //delete and edit buttons
    if ($row['Team'] != "") {
        print "<td class='buttons_td'>";
        print "<form class='buttons_form' method = 'post'";
        print "    action = './edit_team.php'>";
        print "<input type = submit name = 'submit_edit' value = 'edit' />";
        print "<input type = 'hidden' name = 'team' value = '". $row['Team'] ."' />";
        print "<input type = 'hidden' name = 'url'";
        print "    value = './show_team.php?team={$team}' />";
        print "</form>";
        print "<form class='buttons_form' method = 'post'";
    }
}

```

```

        action = './delete_team.php'>";
    print "<input type = submit name = 'submit_del' value = 'del'
        onClick='return confirmDelete()' />";
    print "<input type = 'hidden' name = 'team' value = '". $row['Team'] ."' />";
    print "<input type = 'hidden' name = 'url'
        value = './show_team.php?team={$team}' />";
    print "</form>";
    print "</td>";
}
for ($i=0; $i<$numfields; $i++) {
    print "<td class='datafields_td'>$row[$i]</td>";
}
print "</tr>";
$j++;
}
print "</table>";
$result->close();
include "./footer.php";
mysqli->close();
?>

```

8.2.1.74 show_teams.php

```

<?php
session_start();
ob_start();
include "header_show.php";
include "auth_user.inc.php";
include "conn_sportlog.inc.php";
print('<body>');
include "./middle.php";
$query = "CALL GetAllTeamInfo()";

$result = mysqli->query($query)
    or die(mysqli_error(mysqli));

print "<p class='show_title'>Teams</p>";
print "<table class='datatable'>";
print "<tr class='titlefields_tr'>";
//print one empty column for edit and delete buttons
print "<td class='buttons_td'></td>";
//print field names
while ($finfo = $result->fetch_field()) {
    print "<td class='titlefields_td'>";
    printf($finfo->name);
    print "</td>";
}
print "</tr>";

$numfields = $result->field_count;
//print data rows
$j=1;
while ($row = $result->fetch_array()) {
    if ($j%2==0) {
        $tr_class = "class='datafields_tr_even'";
    } else {
        $tr_class = "class='datafields_tr_odd'";
    }
    print "<tr $tr_class>";
    //delete and edit buttons
    if ($row['Team'] != "") {
        print "<td class='buttons_td'>";
        print "<form class='buttons_form' method = 'post'
            action = './edit_team.php'>";
        print "<input type = submit name = 'submit_edit' value = 'edit' />";
        print "<input type = 'hidden' name = 'team' value = '". $row['Team'] ."' />";
        print "<input type = 'hidden' name = 'url'
            value = './show_teams.php' />";
        print "</form>";
        print "<form class='buttons_form' method = 'post'
            action = './delete_team.php'>";
        print "<input type = submit name = 'submit_del' value = 'del'
            onClick='return confirmDelete()' />";
        print "<input type = 'hidden' name = 'team' value = '". $row['Team'] ."' />";
    }
}
}

```

8.2.1.75 *update_account.php*

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```

        </form>
        <p><a href="user_personal.php">Click here</a> to return to your account.</p>
    <?php
} else {
?>

    <p><b><i>Incorrect email address!</i></b></p>
    <form name="update_account" id="update_account"
        action="<?php echo $_SERVER['$_PHP_SELF']; ?>" method="post">
        <fieldset>
            <label for="email">
                Email:
                <input type="text" name="email" id="email"
                    value="<?php echo $email; ?>" />
            </label>
            <div class="buttons">
                <input type="submit" name="submit" id="submit" value="Update" />
            </div>
        </fieldset>
    </form>
    <p><a href="user_personal.php">Click here</a> to return to your account.</p>
    <?php
}
} else {
$query = "CALL GetAllUserInfo('".$_SESSION['user_logged']. "',
        '".$_SESSION['user_password']. "')";

    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $row = $result->fetch_array();
                $email = $row['email'];
                $result->close();
            }
        } while($mysqli->next_result());
    }

?>

    <form name="update_account" id="update_account"
        action="<?php echo $_SERVER['$_PHP_SELF']; ?>" method="post">
        <fieldset>
            <label for="email">
                Email:
                <input type="text" name="email" id="email"
                    value="<?php echo $email; ?>" />
            </label>
            <div class="buttons">
                <input type="submit" name="submit" id="submit" value="Update" />
            </div>
        </fieldset>
    </form>
    <p><a href="user_personal.php">Click here</a> to return to your account.</p>
    <?php
}
include "../footer.php";
$mysqli->close();
?>

```

8.2.1.76 user_login.php

```

<?php
ob_start();
session_start();
include "../header.php";
include "../conn_auth.inc.php";
include("../php_functions/redirect.php");
print ('<body onload="document.user_login.username.focus()">');
include "../middle_login.php";
define("TBL_ATTEMPTS", "login_attempts");
define("ATTEMPTS_NUMBER", "3");
define("TIME_PERIOD", "1");
function ConfirmUser($user, $pass) {
    include "conn_auth.inc.php";
    $username = $mysqli->real_escape_string($user);

```



```

//compares username and password to database ones
$query = "Call CheckUserLogin('$username',
    '". $mysqli->real_escape_string($pass). "')";

if($mysqli->multi_query($query)) {
    do {
        $result = $mysqli->store_result();
        if($result) {
            $rows = $result->num_rows;
            $result->close();
        }
    } while($mysqli->next_result());
}

if ($rows == 1) {
    return 1;
} else {
    return 0;
}
}

function ConfirmIpAddress($ip) {
    include "conn_login_attempt.inc.php";

    $query = "SELECT attempts, (CASE when last_login is not NULL and
        DATE_ADD(last_login, INTERVAL ".TIME_PERIOD." MINUTE)>NOW() then 1 else 0 end)
        as Denied FROM ".TBL_ATTEMPTS." WHERE ip = '$ip'";

    // $period = TIME_PERIOD;
    // $attempts = TBL_ATTEMPTS;
    // print $period;
    // print $attempts;
    // $query = "CALL ConfirmIp('$ip')";

    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $data = $result->fetch_array();
                $result->close();
            }
        } while($mysqli->next_result());
    }

    //Verify that at least one login attempt is in database
    if (!$data) {
        return 0;
    }
    if ($data["attempts"] >= ATTEMPTS_NUMBER) {
        if($data["Denied"] == 1) {
            return 1;
        } else {
            ClearLoginAttempts($ip);
            return 0;
        }
    }
    return 0;
}

function ClearLoginAttempts($ip) {
    include "conn_login_attempt.inc.php";
    $query = "UPDATE ".TBL_ATTEMPTS." SET attempts = 0 WHERE ip = '$ip'";
    // $attempts = TBL_ATTEMPTS;
    // $query = "CALL ClearLoginAttempts('$ip', '$attempts')";

    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $result->close();
            }
        } while($mysqli->next_result());
    }
}

/*
 * First, if IP address is forwarded, get forwarded address otherwise remote address.
 * If attempt to get client ip is successful, get client ip otherwise address from
 * the first phase (either forwarded or remote).
 */
function GetIpAddress() {

```

```

        return (empty($_SERVER['HTTP_CLIENT_IP'])?(empty($_SERVER['HTTP_X_FORWARDED_FOR'])?
        $_SERVER['REMOTE_ADDR']:$_SERVER['HTTP_X_FORWARDED_FOR']):$_SERVER['HTTP_CLIENT_IP']);
    }
function AddLoginAttempt($ip) {
    include "conn_login_attempt.inc.php";
    //increase number of attempts
    //set last login attempt time if required
    $query = "SELECT * FROM ".TBL_ATTEMPTS." WHERE ip = '$ip'";

    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $data = $result->fetch_array();
                $result->close();
            }
        } while($mysqli->next_result());
    }

    if($data) {
        $attempts = $data["attempts"]+1;
        if($attempts==3) {
            $query = "UPDATE ".TBL_ATTEMPTS." SET attempts=".$attempts.",
            last_login=NOW() WHERE ip = '$ip'";
            if($mysqli->multi_query($query)) {
                do {
                    $result = $mysqli->store_result();
                    if($result) {
                        $result->close();
                    }
                } while($mysqli->next_result());
            }
        } else {
            $query = "UPDATE ".TBL_ATTEMPTS." SET attempts=".$attempts."
            WHERE ip = '$ip'";
            if($mysqli->multi_query($query)) {
                do {
                    $result = $mysqli->store_result();
                    if($result) {
                        $result->close();
                    }
                } while($mysqli->next_result());
            }
        }
    } else {
        $query = "INSERT INTO ".TBL_ATTEMPTS." (attempts, ip, last_login)
        values (1, '$ip', NOW())";
        if($mysqli->multi_query($query)) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    $result->close();
                }
            } while($mysqli->next_result());
        }
    }
}

//execute if login button pressed
if (isset($_POST['submit'])) {
    //check if ip address is blocked
    $blocked = ConfirmIpAddress(GetIpAddress());
    if ($blocked != 1) {
        //if username and password match
        if (ConfirmUser($_POST['username'], MD5($_POST['password']))) {
            $_SESSION['user_logged'] = $_POST['username'];
            $_SESSION['user_password'] = MD5($_POST['password']);
            //select all athletes at start
            $_SESSION['select_all'] = 1;

            //ClearLoginAttempts(GetIpAddress());
            redirect("./logged_user.php", 301);
        } else {
            AddLoginAttempt(GetIpAddress());
            ?>
            <p>
                Invalid Username and/or Password<br />
                Not registered?
            </p>
        }
    }
}

```

```

        <p><a href="register.php">Click here</a> to register.</p>
        <form name="user_login" action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
            method="post">
            <fieldset>
                <label for="username">
                    Username:
                    <input type="text" name="username" id="username" />
                </label>
                <label for="password">
                    Password:
                    <input type="password" name="password" id="password" />
                </label>
                <div class="buttons">
                    <input type="submit" name="submit" id="submit"
                        value="Login" />
                </div>
            </fieldset>
        </form>

        <?php
    }
} else {
    ?>
    <p>
        You have exceeded the maximum amount of login attempts
        (<?php echo ATTEMPTS_NUMBER ?>).<br />
        Access denied for <?php echo TIME_PERIOD ?> minutes.<br /><br />
        Site will automatically refresh back to login page when
        access is again permitted.
        <?php
        $redirect = "./user_login.php";
        header("Refresh: 60; URL=$redirect");
        die();
        ?>
    </p>
    <?php
}
} else {
    ?>

    <p>
        Login below by supplying your username and password<br />
        Or <a href="register.php">click here</a> to register.<br />
    </p>
    <form name="user_login" action="<?php echo $_SERVER['$_PHP_SELF']; ?>"
        method="post">
        <fieldset>
            <label for="username">
                Username:
                <input type="text" name="username" id="username" />
            </label>
            <label for="password">
                Password:
                <input type="password" name="password" id="password" />
            </label>
            <div class="buttons">
                <input type="submit" name="submit" id="submit" value="Login" />
            </div>
        </fieldset>
    </form>

    <?php
}
include "../footer_login.php";
?>

```

8.2.1.77 user_personal.php

```

<?php
ob_start();
include "../header.php";
include "../auth_user.inc.php";
include "../conn_reg.inc.php";
include "../middle.php";
?>
<h2>Personal information area</h2>
<p>

```

```

        Here you can update your personal information,
        or delete your account.
    </p>
    <p>
        Your current information is shown below:
    </p>
    <?php
$query = "CALL GetAllUserInfo('" . $_SESSION['user_logged'] . "',
        '" . $mysqli->real_escape_string($_SESSION['user_password']) . "')";

$result = $mysqli->query($query)
        or die(mysqli_error($mysqli));

$row = $result->fetch_array();
?>
First Name: <?php echo $row['first_name']; ?><br />
Last Name: <?php echo $row['last_name']; ?><br />
Email: <?php echo $row['email']; ?><br />
<a href="update_account.php">Update Account</a> |
<a href="delete_account.php">Delete Account</a>
<?php
$result->close();
include "../footer.php";
$mysqli->close();
?>

```

8.2.2 /var/www/sportlog/admin

8.2.2.1 admin_area.php

```

<?php
ob_start();
session_start();
include "../auth_admin.inc.php";
include "../conn.inc.php";
include "../header_admin.php";
include "../middle_admin.php";
?>
<h2>Admin Area</h2>
<p>
    Below is a list of users and your available administrator
    privileges.<br />
    <a href="index.php">Click here</a> to go to the main admin page.
</p>
<?php
$query = "CALL ListUsers()";

$result = $mysqli->query($query)
        or die(mysqli_error($mysqli));

while ($row = $result->fetch_array()) {
    echo $row['first_name'] . " " . $row['last_name'];
?>
        &nbsp;&nbsp;&nbsp;<a href="update_user.php?id=<?php
echo $row['id']; ?>">Update User</a> |
        <a href="delete_user.php?id=<?php echo $row['id']; ?>">Delete User</a>
<?php
    }
    $result->close();
    $mysqli->close();
    include "../footer_admin.php";
?>

```

8.2.2.2 admin_login.php

```

<?php
ob_start();
session_start();
include "../conn.inc.php";
include("../php_functions/redirect.php");

```

```

include "../header_admin.php";
include "../middle_admin.php";
?>
<?php
if (isset($_POST['submit'])) {

    $query = "CALL CheckAdminLogin(
        '" .mysqli->real_escape_string($_POST['username']). "',
        '" .MD5(mysqli->real_escape_string($_POST['password'])). "')";

    $result = mysqli->query($query)
        or die(mysqli_error(mysqli));

    $row = $result->fetch_array();

    if ($result->num_rows == 1) {
        $_SESSION['admin_logged'] = $_POST['username'];
        $_SESSION['admin_password'] = $_POST['password'];

    $result->close();
    mysqli->close();

    redirect("../index.php",301);
    } else {

?>

        <h2>Admin Login</h2>
        <p>
            <b><i>Invalid Username and/or Password</i></b>
        </p>
        <form name="admin_login" id="admin_login"
            action="<?php echo $_SERVER['$_PHP_SELF']; ?>" method="post">
            <fieldset>
                <label for="username">
                    Username:
                    <input type="text" name="username" id="username" />
                </label>
                <label for="password">
                    Password:
                    <input type="password" name="password" id="username" />
                </label>
                <div class="buttons">
                    <input type="submit" name="submit" id="submit" value="Login" />
                </div>
            </fieldset>
        </form>

<?php
    }
} else {
?>

    <h2>Admin Login</h2>
    <p>
        Login below by supplying your username and password
    </p>
    <form name="admin_login" id="admin_login"
        action="<?php echo $_SERVER['$_PHP_SELF']; ?>" method="post">
        <fieldset>
            <label for="username">
                Username:
                <input type="text" name="username" id="username" />
            </label>
            <label for="password">
                Password:
                <input type="password" name="password" id="username" />
            </label>
            <div class="buttons">
                <input type="submit" name="submit" id="submit" value="Login" />
            </div>
        </fieldset>
    </form>

<?php
}

include "../footer_admin.php";
?>

```

8.2.2.3 auth_admin.inc.php

```
<?php
if ((!empty($_SESSION['admin_logged'])) ||
    (!empty($_SESSION['admin_password']))) {
} else {
    $redirect = $_SERVER['PHP_SELF'];
    header("Refresh: 2; URL=admin_login.php?redirect=$redirect");
    echo "You are currently not logged in. You are being redirected<br>";
    echo "(If your browser doesn't support this, " .
    "<a href='\"admin_login.php?redirect=$redirect\"'>click here</a>";
    die();
}
?>
```

8.2.2.4 conn.inc.php

```
<?php
$mysqli = new mysqli('localhost', 'sportman',
    'HRx3FbkYpwAfM9xRi7tqlQ7RdJ8Inga8vIO57cGR6Kc5qhjOfe3TkB77LnLZRUX', 'registration');

if (mysqli_connect_errno()) {
    die ('Could not open a database connection: ' .mysqli_connect_error().
        ' ('.mysqli_connect_errno().')');
}
?>
```

8.2.2.5 delete_user.php

```
<?php
ob_start();
session_start();
include "../auth_admin.inc.php";
include "../conn.inc.php";
include "../header_admin.php";
include "../middle_admin.php";
?>
<?php
if (isset($_POST['submit']) && $_POST['submit'] == "Yes") {

    $query = "Call DeleteAccountById('\" . $_POST['id'] . '\")";

    $result = $mysqli->query($query)
        or die(mysqli_error($mysqli));

    $mysqli->close();

    $_SESSION['user_logged'] = "";
    $_SESSION['user_password'] = "";

    header("Refresh: 2; URL=admin_area.php");
    echo "Account has been deleted! " .
    "You are being sent to the admin area.<br>";
    echo "(If your browser doesn't support this, " .
    "<a href='\"admin_area.php\"'>click here</a>";
    die();
} else {
?>

<h1>Admin Area</h1>
<p>
    Are you sure you want to delete this user's account?<br />
    There is no way to retrieve account once you confirm!<br />
</p>
<form name="delete_user" id="delete_user"
    action="<?php echo $_SERVER['$PHP_SELF']; ?>" method="post">
<fieldset>
    <input type="hidden" name="id" value="<?php echo $_GET['id']; ?>" />
    <div class="buttons">
        <input type="submit" name="submit" value="Yes" />
    </div>
</fieldset>
</form>
```

```

        <input type="button" value=" No " onclick="history.go(-1);" />
    </div>
</fieldset>
</form>
<?php
}
    include "../footer_admin.php";
?>

```

8.2.2.6 footer_admin.php

```

<?php
ob_start();
session_start();
include "../auth_admin.inc.php";
include "../conn.inc.php";
include "../header_admin.php";
include "../middle_admin.php";
?>
<?php
if (isset($_POST['submit']) && $_POST['submit'] == "Yes") {

    $query = "Call DeleteAccountById(' " . $_POST['id'] . "')";

    $result = $mysqli->query($query)
        or die(mysqli_error($mysqli));

    $mysqli->close();

    $_SESSION['user_logged'] = "";
    $_SESSION['user_password'] = "";

    header("Refresh: 2; URL=admin_area.php");
    echo "Account has been deleted! " .
        "You are being sent to the admin area.<br>";
    echo "(If your browser doesn't support this, " .
        "<a href='\"admin_area.php\"'>click here</a>)" .
        " ";
    die();
} else {
?>
    <h1>Admin Area</h1>
    <p>
        Are you sure you want to delete this user's account?<br />
        There is no way to retrieve account once you confirm!<br />
    </p>
    <form name="delete_user" id="delete_user"
        action="<?php echo $_SERVER['PHP_SELF']; ?>" method="post">
    <fieldset>
        <input type="hidden" name="id" value="<?php echo $_GET['id']; ?>" />
        <div class="buttons">
            <input type="submit" name="submit" value="Yes" />
            <input type="button" value=" No " onclick="history.go(-1);" />
        </div>
    </fieldset>
    </form>
<?php
}
    include "../footer_admin.php";
?>

```

8.2.2.7 header_admin.php

```

<?php
print("<!DOCTYPE html PUBLIC '-//W3C//DTD XHTML 1.0 Transitional//EN'\n");
print("<'http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd'\n");
print("<html xmlns='http://www.w3.org/1999/xhtml'\n");
print("<head\n");
print("<title>Sportlog</title>\n");
print("<link rel='stylesheet' type='text/css' href='../css/sportlog.css' media='screen' />\n");
print("<link rel='stylesheet' type='text/css' href='../css/sportlog_print.css' media='print' />\n");
print("<meta name='Author' content='Petri Tuononen' />\n");

```

```
print("</head>\n");
?>
```

8.2.2.8 index.php

```
<?php
session_start();
if ((!empty($_SESSION['admin_logged'])) ||
    (!empty($_SESSION['admin_password']))) {
    include "logged_admin.php";
} else {
    include "admin_login.php";
}
?>
```

8.2.2.9 logged_admin.php

```
<?php
include "../auth_admin.inc.php";
include "../header_admin.php";
include "../middle_admin.php";
?>
<h2>Admin Area</h2>
<p>
    You are currently logged in.<br />
    <a href="admin_area.php">Click here</a>
    to access your administrator tools.<br />
    <a href="logout.php">Click here</a>
    to logout.
</p>
<?php
include "../footer_admin.php";
?>
```

8.2.2.10 logout.php

```
<?php
session_start();
session_unset();
session_destroy();

include("../php_functions/redirect.php");
redirect("../index.php", 301);

//more informative logout but slower below
/*
header("Refresh: 2; URL=index.php");
echo "Logout succesful! " .
    "You are being sent to the login page.<br>";
echo "(If your browser doesn't support this, " .
    "<a href=\"unlogged_admin.php\">click here</a>";
die();
*/
?>
```

8.2.2.11 middle_admin.php

```
<?php
print("<body>\n");
print("<div class='container'>\n");
print("<div class='main_block'>\n");
print("<div class='top_bar'>\n");
print("<div class='logo_top'>\n");
print("</div> <!-- end of logo_top -->\n");
```



```

print("</div> <!-- end of top_bar -->\n");
print("<div class='navi'>\n");
print("</div> <!-- end of navi -->\n");
print("<div class='content_block'>\n");
?>

```

8.2.2.12 update_user.php

```

<?php
session_start();
include "../auth_admin.inc.php";
include "../conn.inc.php";
include("../php_functions/EmailAddressValidator.php");
include "../header_admin.php";
include "../middle_admin.php";
?>
<h2>Update user information</h2>
<?php
$validator = new EmailAddressValidator;
if (isset($_POST['submit']) && $_POST['submit'] == "Update") {
    if ($validator->check_email_address($_POST['email'])) {

        $username = $mysqli->real_escape_string($_POST['username']);
        $first_name = $mysqli->real_escape_string($_POST['first_name']);
        $last_name = $mysqli->real_escape_string($_POST['last_name']);
        $email = $mysqli->real_escape_string($_POST['email']);
        $id = $mysqli->real_escape_string($_POST['id']);

        if (!empty($_POST['password'])) {
            $password = MD5($mysqli->real_escape_string($_POST['password']));
            $query = "CALL UpdateWholeAccount('$username', '$password', '$first_name',
                '$last_name', '$email', '$id')";
        } else {
            $query = "CALL UpdateWholeAccount_ExceptPass('$username', '$first_name',
                '$last_name', '$email', '$id')";
        }

        if($mysqli->multi_query($query)) {
            do {
                $result = $mysqli->store_result();
                if($result) {
                    $result->close();
                }
            } while($mysqli->next_result());
        }

        <b>User information has been updated.</b><br />

    } else {

        <p><b>Incorrect email address!</b></p>
        <form name="update_user" id="update_user"
            action="<?php echo $_SERVER['$_PHP_SELF']; ?>" method="post">
            <fieldset>
                <input type="hidden" name="id" id="id"
                    value="<?php echo $_GET['id']; ?>" />
                <label for="username">
                    Username: <input type="text" name="username" id="username"
                        value="<?php echo $_POST['username']; ?>" />
                </label>
                <label for="password">
                    <!-- User password won't be displayed-->
                    Password: <input type="password" name="password" id="password"
                        value="" /> Not displayed
                </label>
                <label for="first_name">
                    First Name: <input type="text" name="first_name" id="first_name"
                        value="<?php echo $_POST['first_name']; ?>" />
                </label>
                <label for="last_name">
                    Last Name: <input type="text" name="last_name" id="first_name"
                        value="<?php echo $_POST['last_name']; ?>" />
                </label>
                <label for="email">

```

```

        Email: <input type="text" name="email" id="email"
        value="<?php echo $_POST['email']; ?>" />
    </label>
    <div class="buttons">
        <input type="submit" name="submit" id="submit" value="Update" />
    </div>
</fieldset>
</form>

<?php
}
} else {

    $id = $mysqli->real_escape_string($_GET['id']);
    $query = "CALL GetAccount('$id')";

    if($mysqli->multi_query($query)) {
        do {
            $result = $mysqli->store_result();
            if($result) {
                $row = $result->fetch_array();
                $result->close();
            }
        } while($mysqli->next_result());
    }

    ?>

    <form name="update_user" id="update_user"
        action="<?php echo $_SERVER['$_PHP_SELF']; ?>" method="post">
        <fieldset>
            <input type="hidden" name="id" id="id"
                value="<?php echo $_GET['id']; ?>" />
            <label for="username">
                Username: <input type="text" name="username" id="username"
                value="<?php echo $row['username']; ?>" />
            </label>
            <label for="password">
                <!-- User password won't be displayed-->
                Password: <input type="password" name="password" id="password"
                value="" /> Not displayed
            </label>
            <label for="first_name">
                First Name: <input type="text" name="first_name" id="first_name"
                value="<?php echo $row['first_name']; ?>" />
            </label>
            <label for="last_name">
                Last Name: <input type="text" name="last_name" id="first_name"
                value="<?php echo $row['last_name']; ?>" />
            </label>
            <label for="email">
                Email: <input type="text" name="email" id="email"
                value="<?php echo $row['email']; ?>" />
            </label>
            <div class="buttons">
                <input type="submit" name="submit" id="submit" value="Update" />
            </div>
        </fieldset>
    </form>

    <?php
    }
    $mysqli->close();
    ?>
    <a href="admin_area.php">Return</a> to the admin area.
    <?php
    include "../footer_admin.php";
    ?>

```

8.2.3 /var/www/sportlog/css

8.2.3.1 menu.css

```

/* =====
This copyright notice must be untouched at all times.

```

The original version of this stylesheet and the associated (x)html is available at http://www.cssplay.co.uk/menus/final_drop.html
 Copyright (c) 2005-2008 Stu Nicholls. All rights reserved.
 This stylesheet and the associated (x)html may be modified in any way to fit your requirements.

```

===== */

.menu {width:745px; height:32px; position:relative; z-index:100;
      border-right:1px solid #000; font-family:arial, sans-serif;}
/* hack to correct IE5.5 faulty box model */
* html .menu {width:746px; width:745px;}
/* remove all the bullets, borders and padding from the default list styling */
.menu ul {padding:0;margin:0;list-style-type:none;}
.menu ul ul {width:149px;}
/* float the list to make it horizontal and a relative position so that you can control
the dropdown menu position */
.menu li {float:left;width:149px;position:relative;}
/* style the links for the top level */
.menu a, .menu a:visited {display:block;font-size:12px;text-decoration:none;
  color:#fff; width:138px; height:30px; border:1px solid #000;
  border-width:1px 0 1px 1px; background:#5991b8; /* bgcolor for main buttons */
  padding-left:10px; line-height:29px; font-weight:bold;}
/* a hack so that IE5.5 faulty box model is corrected */
* html .menu a, * html .menu a:visited {width:149px; width:138px;}

/* style the third level background */
.menu ul ul ul a, .menu ul ul ul a:visited {background:#e2dfa8;}
/* style the third level hover */
.menu ul ul ul a:hover {background:#b2ab9b;}

/* hide the sub levels and give them a position absolute so that they take up no room */
.menu ul ul {visibility:hidden;position:absolute;height:0;top:31px;left:0; width:149px;
  border-top:1px solid #000;}
/* another hack for IE5.5 */
* html .menu ul ul {top:30px;top:31px;}

/* position the third level flyout menu */
.menu ul ul ul{left:149px; top:-1px; width:149px;}

/* position the third level flyout menu for a left flyout */
.menu ul ul ul.left {left:-149px;}

/* style the table so that it takes no part in the layout - required for IE to work */
.menu table {position:absolute; top:0; left:0; border-collapse:collapse;}

/* style the second level links */
.menu ul ul a, .menu ul ul a:visited {background:#d4d8bd; color:#000; height:auto;
  line-height:1em; padding:5px 10px; width:128px;border-width:0 1px 1px 1px;}
/* yet another hack for IE5.5 */
* html .menu ul ul a, * html .menu ul ul a:visited {width:150px;width:128px;}

/* style the top level hover */
.menu a:hover, .menu ul ul a:hover{color:#ffffff; background:#7e69af;}
.menu :hover > a, .menu ul ul :hover > a {color:#ffffff; background:#7e69af;}

/* make the second level visible when hover on first level list OR link */
.menu ul li:hover ul,
.menu ul a:hover ul{visibility:visible;}
/* keep the third level hidden when you hover on first level list OR link */
.menu ul :hover ul ul{visibility:hidden;}
/* make the third level visible when you hover over second level list OR link */
.menu ul :hover ul :hover ul{ visibility:visible;}

```

8.2.3.2 sportlog.css

```

@CHARSET "UTF-8";

body
{
  background-color: #aac1c6;
}

label

```

```

{
    display: block;
}

.login_block
{
    width: 50%;
    margin: auto;
}

.rounded_login
{
    width: auto;
    height: 250px;
    /*margin: auto;*/
    color: white;
    padding: 30px 20px;
    background-color: #5991b8;
    /* rounded bottom corners */
    -moz-border-radius-bottomleft: 10px;
    -moz-border-radius-bottomright: 10px;
    -webkit-border-bottom-left-radius: 10px;
    -webkit-border-bottom-right-radius: 10px;
}

.top_bar
{
    background-image: url('../pics/title_bg_narrow.png');
    background-repeat: repeat-x;
    background-position: top left;
    width: auto;
    height: 80px;
    line-height: 5em;
    padding-left: 20px;
    position: relative;
    z-index: 1;
}

.main_page
{
    margin-top: 30px;
    margin-bottom: 300px;
}

.logo_top
{
    background-image: url('../pics/sportlog_logo.png');
    background-repeat: no-repeat;
    width: auto;
    height: 80px;
    position: relative;
    left: 0px;
    top: 0px;
    z-index: 2;
}

.container
{
}

.main_block
{
    width: 746px;
    margin: auto;
}

.content_block
{
    background-color: #e1e1e5;
    width: auto;
    min-height: 400px;
    padding-left: 20px;
    padding-right: 20px;
    padding-top: 10px;
    padding-bottom: 30px;
}

```

```

.bottom_bar
{
    height: 30px;
    width: auto;
    background-color: #375161;
    padding-left: 20px;
    /* rounded bottom corners */
    -moz-border-radius-bottomleft: 10px;
    -moz-border-radius-bottomright: 10px;
    -webkit-border-bottom-left-radius: 10px;
    -webkit-border-bottom-right-radius: 10px;
}

.copyright_text
{
    font-size: 10px;
    color: #ffffff;
    line-height: 30px;
    font-family: Serif, Verdana, Arial;
}

.buttons
{
    display: block;
    margin-top: 20px;
    margin-bottom: 20px;
}

fieldset
{
    border: none;
}

.reg_fields_text
{
    margin: 0px;
}

.margin_select_athlete
{
    margin-top: 30px;
    margin-bottom: 200px;
}

a
{
    color: #074770;
}

```

8.2.3.3 sportlog_print.css

```

@CHARSET "UTF-8";

body
{
    background-color: #ffffff;
}

label
{
    display: block;
}

.login_block
{
    width: 50%;
    margin: auto;
}

.rounded_login
{
    width: auto;
    height: 250px;
    /*margin: auto;*/
    color: white;
    padding: 30px 20px;
}

```

```
background-color: #5991b8;
/* rounded bottom corners */
-moz-border-radius-bottomleft: 10px;
-moz-border-radius-bottomright: 10px;
-webkit-border-bottom-left-radius: 10px;
-webkit-border-bottom-right-radius: 10px;
}

.top_bar
{
    display: none;
}

.main_page
{
    margin-top: 30px;
    margin-bottom: 300px;
}

.logo_top
{
}

.container
{
}

.main_block
{
    width: 746px;
    margin: auto;
}

.content_block
{
    background-color: #ffffff;
    width: auto;
    padding-left: 20px;
    padding-right: 20px;
    padding-top: 10px;
    padding-bottom: 30px;
}

.bottom_bar
{
    height: 30px;
    width: auto;
    background-color: #ffffff;
    padding-left: 20px;
    /* rounded bottom corners */
    -moz-border-radius-bottomleft: 10px;
    -moz-border-radius-bottomright: 10px;
    -webkit-border-bottom-left-radius: 10px;
    -webkit-border-bottom-right-radius: 10px;
}

.copyright_text
{
    font-size: 10px;
    color: #000000;
    line-height: 30px;
    font-family: Serif, Verdana, Arial;
}

.buttons
{
    display: none;
    margin-top: 20px;
    margin-bottom: 20px;
}

fieldset
{
    border: none;
}
```

```
.reg_fields_text
{
    margin: 0px;
}

a
{
    color: #074770;
}
```

8.2.3.4 sportlog_wider.css

```
@CHARSET "UTF-8";

body
{
    background-color: #aac1c6;
}

label
{
    display: block;
}

.login_block
{
    width: 50%;
    margin: auto;
}

.top_bar
{
    background-image:url('../pics/title_bg_narrow.png');
    background-repeat:repeat-x;
    background-position:top left;
    width: auto;
    height: 80px;
    line-height:5em;
    padding-left: 20px;
    position: relative;
    z-index: 1;
}

.main_page
{
    margin-top: 30px;
    margin-bottom: 300px;
}

.logo_top
{
    background-image:url('../pics/sportlog_logo.png');
    background-repeat: no-repeat;
    width: auto;
    height: 80px;
    position: relative;
    left: 0px;
    top: 0px;
    z-index: 2;
}

.container
{
    margin-left: 1%;
    margin-right: 1%;
}

.main_block
{
    width: 100%;
}

.content_block
{
    background-color: #e1e1e5;
```

```
width: auto;
min-height: 400px;
padding-left: 20px;
padding-right: 20px;
padding-top: 20px;
padding-bottom: 30px;
}

.navi
{
  background-color: #375161;
  width: auto;
  height: 32px;
}

.bottom_bar
{
  height: 30px;
  width: auto;
  background-color: #375161;
  padding-left: 20px;
  /* rounded bottom corners */
  -moz-border-radius-bottomleft: 10px;
  -moz-border-radius-bottomright: 10px;
  -webkit-border-bottom-left-radius: 10px;
  -webkit-border-bottom-right-radius: 10px;
}

.copyright_text
{
  font-size: 10px;
  color: #ffffff;
  line-height: 30px;
  font-family: Serif, Verdana, Arial;
}

.buttons
{
  display: block;
  margin-top: 20px;
  margin-bottom: 20px;
}

fieldset
{
  border: none;
}

.reg_fields_text
{
  margin: 0px;
}

.datatable
{
  /*
  border-width: 1px;
  border-style: solid;
  border-color: #000000;
  */
}

.titlefields_tr
{
  background-color: #5e3b5e;
  font-size: 14px;
  color: #c4c4c4;
}

.titlefields_td
{
  border-width: 1px;
  border-style: solid;
  border-color: #000000;
}

.datafields_tr_odd
{

```



```

    background-color: #bfb8c8;
    font-size: 14px;
}

.datafields_tr_even
{
    background-color: #8b7b9d;
    font-size: 14px;
}

.datafields_td
{
    border-width: 1px;
    border-style: solid;
    border-color: #000000;
}

.buttons_td
{
    background-color: #e1e1e5;
}

.buttons_form
{
    display: inline;
}

.show_title
{
    margin-left: 98px;
    margin-bottom: 20px;
    margin-top: 0px;
    font-style: oblique;
}

a
{
    color: #074770;
}

```

8.2.3.5 sportlog_wider_print.css

```

@CHARSET "UTF-8";

body
{
    background-color: #aac1c6;
}

label
{
    display: block;
}

.login_block
{
    width: 50%;
    margin: auto;
}

.top_bar
{
    background-image: url('../pics/title_bg_narrow.png');
    background-repeat: repeat-x;
    background-position: top left;
    width: auto;
    height: 80px;
    line-height: 5em;
    padding-left: 20px;
}

.main_page
{
    margin-top: 30px;
    margin-bottom: 300px;
}

```

```
}

.logo_top
{

}

.container
{
    margin-left: 1%;
    margin-right: 1%;
}

.main_block
{
    width: 100%;
}

.content_block
{
    width: auto;
    min-height: 400px;
    padding-left: 20px;
    padding-right: 20px;
    padding-top: 20px;
    padding-bottom: 30px;
}

.bottom_bar
{
    height: 30px;
    width: auto;
    padding-left: 20px;
    /* rounded bottom corners */
    -moz-border-radius-bottomleft: 10px;
    -moz-border-radius-bottomright: 10px;
    -webkit-border-bottom-left-radius: 10px;
    -webkit-border-bottom-right-radius: 10px;
    display: none;
}

.copyright_text
{
    font-size: 10px;
    color: #ffffff;
    line-height: 30px;
    font-family: Serif, Verdana, Arial;
    display: none;
}

.buttons
{
    display: block;
    margin-top: 20px;
    margin-bottom: 20px;
}

fieldset
{
    border: none;
}

.reg_fields_text
{
    margin: 0px;
}

.datatable
{
    /*
    border-width: 1px;
    border-style: solid;
    border-color: #000000;
    */
}

.titlefields_tr
{

```

```

    font-style: oblique;
}

.titlefields_td
{
    border-width: 1px;
    border-style: solid;
}

.datafields_tr_odd
{
}

.datafields_tr_even
{
}

.datafields_td
{
    border-width: 1px;
    border-style: solid;
    border-color: #000000;
}

.navi
{
    width: auto;
    height: 32px;
    display: none;
}

```

8.2.4 /var/www/sportlog/php_functions

8.2.4.1 EmailAddressValidator.php

```

<?php
    /*
    EmailAddressValidator Class
    http://code.google.com/p/php-email-address-validation/

    Released under New BSD license
    http://www.opensource.org/licenses/bsd-license.php

    Sample Code
    -----
    $validator = new EmailAddressValidator;
    if ($validator->check_email_address('test@example.org')) {
        // Email address is technically valid
    }
    */

class EmailAddressValidator {

    /**
     * Check email address validity
     * @param   strEmailAddress    Email address to be checked
     * @return  True if email is valid, false if not
     */
    public function check_email_address($strEmailAddress) {

        // If magic quotes is "on", email addresses with quote marks will
        // fail validation because of added escape characters. Uncommenting
        // the next three lines will allow for this issue.
        //if (get_magic_quotes_gpc()) {
        //    $strEmailAddress = stripslashes($strEmailAddress);
        //}

        // Control characters are not allowed
        if (preg_match('/[\x00-\x1F\x7F-\xFF]/', $strEmailAddress)) {
            return false;
        }

        // Check email length - min 3 (a@a), max 256
    }
}

```

```

    if (!$this->check_text_length($strEmailAddress, 3, 256)) {
        return false;
    }

    // Split it into sections using last instance of "@"
    $intAtSymbol = strrpos($strEmailAddress, '@');
    if ($intAtSymbol === false) {
        // No "@" symbol in email.
        return false;
    }
    $arrEmailAddress[0] = substr($strEmailAddress, 0, $intAtSymbol);
    $arrEmailAddress[1] = substr($strEmailAddress, $intAtSymbol + 1);

    // Count the "@" symbols. Only one is allowed, except where
    // contained in quote marks in the local part. Quickest way to
    // check this is to remove anything in quotes. We also remove
    // characters escaped with backslash, and the backslash
    // character.
    $arrTempAddress[0] = preg_replace('/\/\./'
        , ''
        , $arrEmailAddress[0]);
    $arrTempAddress[0] = preg_replace('/"/["]+"/'
        , ''
        , $arrTempAddress[0]);
    $arrTempAddress[1] = $arrEmailAddress[1];
    $strTempAddress = $arrTempAddress[0] . $arrTempAddress[1];
    // Then check - should be no "@" symbols.
    if (strrpos($strTempAddress, '@') !== false) {
        // "@" symbol found
        return false;
    }

    // Check local portion
    if (!$this->check_local_portion($arrEmailAddress[0])) {
        return false;
    }

    // Check domain portion
    if (!$this->check_domain_portion($arrEmailAddress[1])) {
        return false;
    }

    // If we're still here, all checks above passed. Email is valid.
    return true;
}

/**
 * Checks email section before "@" symbol for validity
 * @param   strLocalPortion    Text to be checked
 * @return  True if local portion is valid, false if not
 */
protected function check_local_portion($strLocalPortion) {
    // Local portion can only be from 1 to 64 characters, inclusive.
    // Please note that servers are encouraged to accept longer local
    // parts than 64 characters.
    if (!$this->check_text_length($strLocalPortion, 1, 64)) {
        return false;
    }
    // Local portion must be:
    // 1) a dot-atom (strings separated by periods)
    // 2) a quoted string
    // 3) an obsolete format string (combination of the above)
    $arrLocalPortion = explode('.', $strLocalPortion);
    for ($i = 0, $max = sizeof($arrLocalPortion); $i < $max; $i++) {
        if (!preg_match('.^('
            . '([A-Za-z0-9!#$%&\'*+/?^_`{|}~-]'
            . '[A-Za-z0-9!#$%&\'*+/?^_`{|}~-]{0,63})'
            . '|'
            . '("[^\\"]")'
            . ')$.'
            , $arrLocalPortion[$i])) {
            return false;
        }
    }
    return true;
}

```

```

/**
 * Checks email section after "@" symbol for validity
 * @param strDomainPortion Text to be checked
 * @return True if domain portion is valid, false if not
 */
protected function check_domain_portion($strDomainPortion) {
    // Total domain can only be from 1 to 255 characters, inclusive
    if (!$this->check_text_length($strDomainPortion, 1, 255)) {
        return false;
    }
    // Check if domain is IP, possibly enclosed in square brackets.
    if (preg_match('/^(25[0-5]|2[0-4][0-9]|1[0-9][0-9]|1-9?[0-9])'
        . '(\.(25[0-5]|2[0-4][0-9]|1[0-9][0-9]|1-9?[0-9])){3}$/'
        , $strDomainPortion) ||
        preg_match('/^\[(25[0-5]|2[0-4][0-9]|1[0-9][0-9]|1-9?[0-9])'
        . '(\.(25[0-5]|2[0-4][0-9]|1[0-9][0-9]|1-9?[0-9])){3}\]$/'
        , $strDomainPortion)) {
        return true;
    } else {
        $arrDomainPortion = explode('.', $strDomainPortion);
        if (sizeof($arrDomainPortion) < 2) {
            return false; // Not enough parts to domain
        }
        for ($i = 0, $max = sizeof($arrDomainPortion); $i < $max; $i++) {
            // Each portion must be between 1 and 63 characters, inclusive
            if (!$this->check_text_length($arrDomainPortion[$i], 1, 63)) {
                return false;
            }
            if (!preg_match('/^([A-Za-z0-9][A-Za-z0-9-]{0,61}[A-Za-z0-9])|'
                . '([A-Za-z0-9]+)$/' , $arrDomainPortion[$i])) {
                return false;
            }
            if ($i == $max - 1) { // TLD cannot be only numbers
                if (strlen(preg_replace('/[0-9]/', '', $arrDomainPortion[$i])) <= 0) {
                    return false;
                }
            }
        }
    }
    return true;
}

/**
 * Check given text length is between defined bounds
 * @param strText Text to be checked
 * @param intMinimum Minimum acceptable length
 * @param intMaximum Maximum acceptable length
 * @return True if string is within bounds (inclusive), false if not
 */
protected function check_text_length($strText, $intMinimum, $intMaximum) {
    // Minimum and maximum are both inclusive
    $intTextLength = strlen($strText);
    if (($intTextLength < $intMinimum) || ($intTextLength > $intMaximum)) {
        return false;
    } else {
        return true;
    }
}
}

?>

```

8.2.4.2 redirect.php

```

<?php
// func: redirect($to,$code=307)
// spec: http://www.w3.org/Protocols/rfc2616/rfc2616-sec10.html
// http://edocoo.com/creo/php-redirect
function redirect($to,$code=301)
{
    $location = null;
    $sn = $_SERVER['SCRIPT_NAME'];
    $cp = dirname($sn);

```

```

if (substr($to,0,4)=='http') $location = $to; // Absolute URL
else
{
    $schema = $_SERVER['SERVER_PORT']=='443'? 'https': 'http';
    $host = strlen($_SERVER['HTTP_HOST'])? $_SERVER['HTTP_HOST']: $_SERVER['SERVER_NAME'];
    if (substr($to,0,1)=='/') $location = "$schema://$host$to";
    elseif (substr($to,0,1)=='.') // Relative Path
    {
        $location = "$schema://$host/";
        $pu = parse_url($to);
        $cd = dirname($_SERVER['SCRIPT_FILENAME']).'/';
        $np = realpath($cd.$pu['path']);
        $np = str_replace($_SERVER['DOCUMENT_ROOT'], '', $np);
        $location.= $np;
        if ((isset($pu['query'])) && (strlen($pu['query'])>0)) $location.= '?'.$pu['query'];
    }
}

$hs = headers_sent();
if ($hs==false)
{
    if ($code==301) header("301 Moved Permanently HTTP/1.1"); // Convert to GET
    elseif ($code==302) header("302 Found HTTP/1.1"); // Conform re-POST
    elseif ($code==303) header("303 See Other HTTP/1.1"); // dont cache, always use GET
    elseif ($code==304) header("304 Not Modified HTTP/1.1"); // use cache
    elseif ($code==305) header("305 Use Proxy HTTP/1.1");
    elseif ($code==306) header("306 Not Used HTTP/1.1");
    elseif ($code==307) header("307 Temporary Redirect HTTP/1.1");
    else trigger_error("Unhandled redirect() HTTP Code: $code",E_USER_ERROR);
    header("Location: $location");
    header('Cache-Control: no-store, no-cache, must-revalidate, post-check=0, pre-check=0');
}
elseif (($hs==true) || ($code==302) || ($code==303))
{
    // todo: draw some javascript to redirect
    $cover_div_style = 'background-color: #ccc; height: 100%; left: 0px; position: absolute; top: 0px; width: 100%;';
    echo "<div style='$cover_div_style'>\n";
    $link_div_style = 'background-color: #fff; border: 2px solid #f00; left: 0px; margin: 5px; padding: 3px; ';
    $link_div_style.= 'position: absolute; text-align: center; top: 0px; width: 95%; z-index: 99;';
    echo "<div style='$link_div_style'>\n";
    echo "<p>Please See: <a href='$to'>".htmlspecialchars($location)."</a></p>\n";
    echo "</div>\n</div>\n";
}
exit(0);
}
?>

```

8.2.4.3 stored_procedure_tools.php

```

<?php
/*
 * Returns NULL if parameter variable is empty.
 * Otherwise returns parameter variable as string.
 * Prepares the variable to be used in a stored procedure.
 * Used on optional fields that can be NULL.
 */
function prepare_optional($post_var) {
    if(empty($post_var)) {
        $var = "NULL";
    } else {
        $var = $post_var;
        $var = "'$var'";
    }
    return $var;
}

/*
 * Returns "00" if parameter variable is empty.
 * Otherwise returns parameter variable as string.
 * Used on time and date fields that can be NULL.
 */
function prepare_timedate($post_var) {
    if (empty($post_var)) {
        $var = "00";
    }
}

```

```
    } else {
        $var = $post_var;
    }
    return $var;
}

//Shows field names and data fields
function show_table($result) {
    print "<table border=1 bgcolor='e1e1e1'>";

    print "<tr bgcolor='c0c0c0'>";
    $i=0;
    //print field names
    while ($finfo = $result->fetch_field()) {
        print "<td>";
        printf($finfo->name);
        print "</td>";
        $i++;
    }
    print "</tr>";

    $numfields = $result->field_count;

    //print data rows
    while ($row = $result->fetch_array()) {
        print "<tr>";
        for ($i=0; $i<$numfields; $i++) {
            print "<td>$row[$i]</td>";
        }
        print "</tr>";
    }
    print "</table\n>";
}

?>
```