

How to install Sportlog physical exercise database to a web server

Step 1: Create folder e.g. sportlog with access rights 755, which denies writing rights for groups and public and only allows owner the right access.

Step 2: Create sportlog database in e.g. phpMyAdmin.

Step 3: Add tables to sportlog database.

```
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;

```

Step 4: Create sportlog_registration database in e.g. phpMyAdmin.

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. Change values.

```

INSERT INTO admin (username, password, first_name, last_name, email, id)
VALUES ('your_name', MD5('change_pass'), 'First_name', 'Last_Name',
'email', '');

```

Step 5: Create three different security purpose users.

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.

```
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';
```

Step 6: Add login_checker and reg users to 'registration' database.

Step 7: Add sportman user to 'sportlog' database.

Step 8: Create trigger on sportlog database.

```
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 ;
```

Step 9: Create stored procedures on registration database. Rename database name if different than 'registration'.

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

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

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);

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

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

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

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

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

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

```
ORDER BY last_name;
```

```
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;
```

```
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;
```

```
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;
```

Step 10: Create stored procedures on sportlog database.

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

```
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;
```

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

```
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;
```

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

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

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

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

```
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;
```

```
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;
```

```
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;
```

```
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;
```

```
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;
```

```
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;
```



```

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;

```

```

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;

```

```

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;

```

```

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;

```

```

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;

```

```

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

```

```

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

```

```

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

```

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

```
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;
```

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

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

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

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

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

```
CREATE PROCEDURE `sportlog`.`GetEquipmentBrands`()  
SELECT DISTINCT Brand FROM T_Equipment;
```

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

```
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;
```

```
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;
```

```
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;
```

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

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

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

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

```
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;
```

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

```
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;
```

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

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

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

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

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

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

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

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

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

```
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;
```

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

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

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

```
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;
```

```
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;
```

```
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;
```

```
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;
```

```
CREATE PROCEDURE `sportlog`.`InsertCoach`(coach2 VARCHAR(50), tel2 VARCHAR(20),
team2 VARCHAR(50))
INSERT INTO T_Coach (`Coach`, `Tel`, `Team`) VALUES (coach2, tel2, team2);
```

```
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);
```

```
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);

```

```

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

```

```

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

```

```

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);

```

```

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);

```

```

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);

```

```

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

```

```

CREATE PROCEDURE `sportlog`.`InsertSport`(sport2 VARCHAR(50), description2
VARCHAR(500))

```

```

INSERT INTO T_Sport (`Sport`, `Description`) VALUES (sport2, description2);

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

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

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

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;

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

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;

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

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

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

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

```

Step 11: Set 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`;

```

Step 12: Set 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`;

```

Step 13: Set sportlog database user name and password to the following files. Do not use your 'usual' password and instead a generated one like in step 5.

```

conn_reg.inc.php
conn_sportlog.inc.php
conn_login_attempt.inc.php
conn_auth.inc.php
admin/conn.inc.php

```

Step 14: Move all files to the server.

Step 15: Change access rights to files mentioned on step 13 on web server so that nobody can see the password that is used by sportman user to access the sportlog database. CHMOD 111 (only execute to all) the files in step 13. Bear in mind that the user used to access the mysql database can only execute the stored procedures in sportlog database to increase security.