# Inventory and Gap Analysis (IGA)

A web and mobile application

2022 – Version 1.0

Maricel Castro
Mojtaba Haghgou

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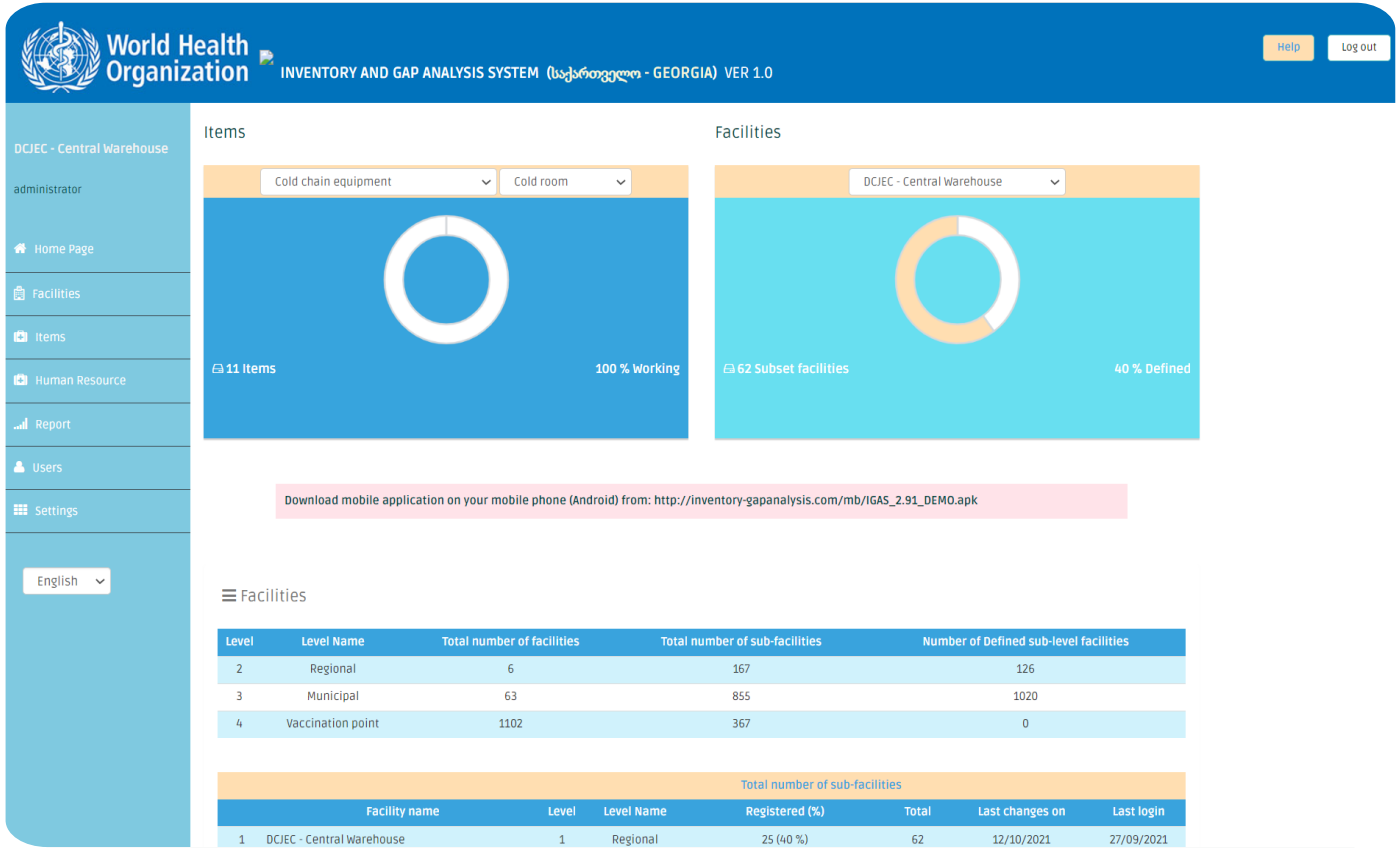
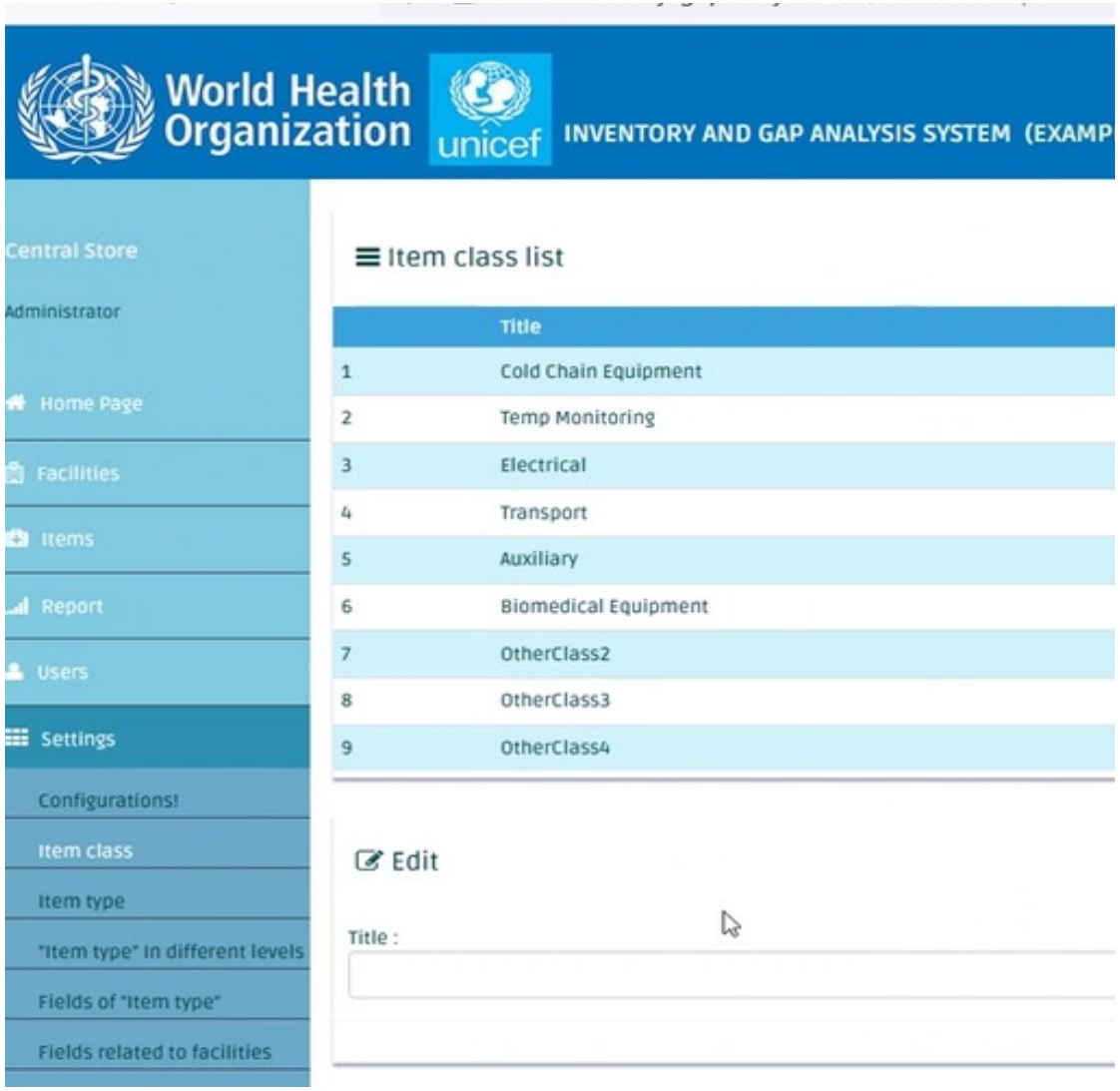
# Inventory and Gap Analysis application 2022 - version 1.0




- IGA is both web- and mobile-based application
  - **Web-based:**
    - Open source
    - Works in any Microsoft-supported server
  - **Mobile-based:**
    - Works in any Android supported smart phones and tablets for data entry
- Live, dynamic - inventory can be updated at any time!
- Cost effective and efficient
- Can be translated to any languages in addition to UN official languages already built into the system
- Can be used by any health programme
- Can manage inventory of any type and class of equipment

- Unlimited number of equipment or item class can be included



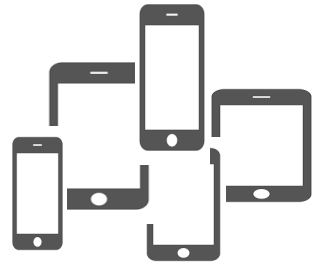

- Data is stored in a cloud server
- Country has exclusive access of their data

# Levels of use:

## Admin level

**Functions:**
- Admin set-up and configuration
- Data Entry, including management of consolidated database
- Access to full reports

## User level



**Functions:**
- Data Entry
- Access to full reports

**Functions:**
- Data Entry
- Access to limited number (3) of reports

**Test version for demo:**
- **www.inventory-gapanalysis.com**
- Username: **admin**
- Password: **123**

**Mobile application (only for Android):**
- **http://www.inventory-gapAnalysis.com/mb/IGAS_2.7_GEO.apk**

# Admin level

**Admin arrangements**
**Data Entry**
**Full reports**

## Admin Set-up

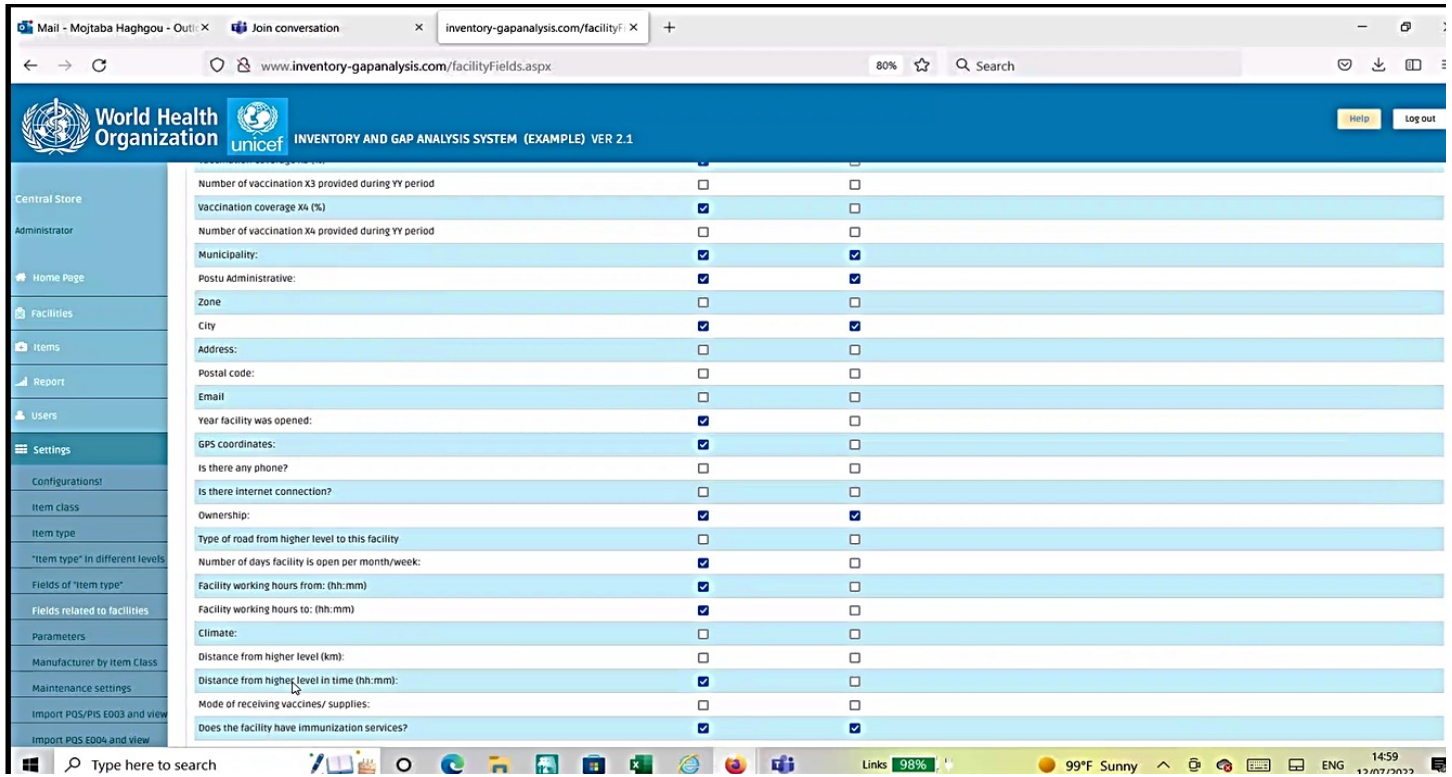
- Configuration of the Application
- Selection of fields
  - Define equipment class
  - Define equipment types
    - Set required fields for each equipment type
    - Define optional and mandatory fields
  - Security setting
  - Assign usernames and passwords
- Set the application's language
  - Translation of the application or adjusting the language (if language customization is required)

# Admin level

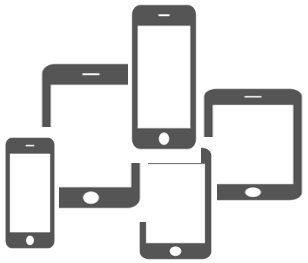
**Admin arrangements**
**Data Entry**
**Full reports**

# Data Entry

- Can connect to all facilities and perform data entry/editing or help the user complete data entry, as needed
- A large number of data fields are built into the apps and Admin determines which data fields will be required for user's data entry.



# Web- and mobile-based apps Users' level



**Data Entry**
**Full reports**

## Data Entry

- The same/standardized for all levels
  - Both on PC and smart phones/tablets (Android only)
- Fool proof
- Simple
  - No need for extensive training! – **on the job training for 3 hours is enough**
  - Used in local languages
  - Online help
- Collaborative effort
  - Its possible for higher level users or admin to enter data for their sub-facilities if the latter has no internet connection

# Web-based apps Users' level

**Data Entry**
**Full reports**

## Full reports

- 12 full different reports (with several filters)
- Printable reports (only on PC)
- Option of exporting some of the reports to MS Excel (exporting in pdf format is not available)
- Option of exporting full raw data to MS Excel for further and more detailed analysis
- Reports can be generated according to:
  - Supply chain level
  - Region
  - Province
  - District
  - Facility
  - Class of equipment
  - Type of equipment; can be filtered by:
    - Size/ storage capacity
    - Manufacturer
    - Source of energy: electric, solar, kerosene, gas
    - Functionality: functional, non-functional
    - Equipment age

# Mobile-based apps Users' level

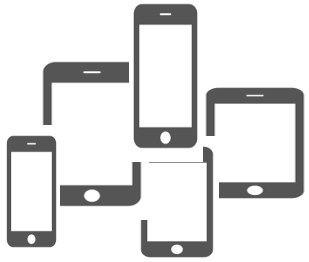
**Data Entry**
**3 reports**

## 3 types of reports

1. Facility list (with all the filters)
2. Item list (with all the filters)
3. User list

- Reports can be generated according to:
  - Supply chain level
  - Region
  - Province
  - District
  - Facility
  - Class of equipment
  - Type of equipment; can be filtered by:
    - Size/ storage capacity
    - Manufacturer
    - Source of energy: electric, solar, kerosene, gas
    - Functionality: functional, non-functional
    - Equipment age

# Web- and mobile-based apps Users' level



## Other functions:

- A maintenance module and full log-book
  - provides date for each services done and warnings when specific type of maintenance work/service is needed
- Facility segmentation
- Cold chain capacity gap analysis
- Planning for filling cold chain gaps and replacement plan
- A full communication system among the users
- Importation of facility data and PQS data from MS Excel database
- Multi-lingual and can be translated into local languages

**Initial investment is reasonable!**

# Demonstration of the Application

## Inventory and Gap Analysis

### Version 1.0

**Thank you for your attention**
**Questions?**