Use of CAPI for agricultural surveys

Interviewer Application
Overview

• Overview, purpose, and localization
• Set-up CAPI application and syncing
• Dashboard
• Collecting data
• Completing an interview and synchronization
Overview, purpose, and localization
Overview, purpose, and localization

- Interviewer is an Android application (>=4.3) which is used by enumerators to complete the questionnaire.
- This application should already be installed and configured for the enumerators so all they have to do is open the app.
- This is the ONLY part of SS that enumerators will work with.
Overview, purpose, and localization

• The purpose of the app is to collect data in electronic format with data validation.

• The application exchanges data between the other components (e.g. HQ and Supervisor) via the server.

• During and after data collection, HQ will aggregate all of the data collected through various devices into one common database.
Overview, purpose, and localization

• The Interviewer application can work in French, English, Spanish, Portuguese, Russian, Thai, and Indonesian. This can change dialog boxes, menus, and error messages.

• Note that the Interviewer application will react to the language settings of the operating system.
Set-up CAPI application and syncing
Set-up CAPI application

• Go to same URL as HQ and Supervisor on the browser in the tablet.
• No need to login.
• Touch “Get Interviewer App”
• You might receive a warning message, just touch “OK”.

![Set-up CAPI application](image)
Set-up CAPI application

- Go to “downloads” and touch “interviewer.apk” to install.
- You may receive a warning message about downloading an app from the internet, just touch “OK”.

![Notifications screen showing download completion](image)
Set-up CAPI application

• Allow app to have access to everything.
Set-up CAPI application

• Go to application and touch the Interviewer application icon.
Set-up CAPI application

- Enter the URL of the server and login credentials.
- Also, beware of spaces inserted after the login. If there’s a space, the login will not work.
- After all fields are complete, touch “Start synchronization”.
Set-up CAPI application

- No cases appear on the dashboard because the application hasn’t been synced with the server. So synchronize.
Set-up CAPI application

• Wait for it connect, and sync...
• When the device synchronizes, it’s exchanging information with the server. So, the device is receiving cases assigned to it, and sending completed cases.
Set-up CAPI application

- See the confirmation for a successful syn. If “Synchronization successfully completed” does not appear, check your internet connection and login info, then try again.
- If successful, you can be sure that all information has been sent and received successfully.
Dashboard
Dashboard

The DASHBOARD contains the questionnaires that have been assigned to the enumerators. Tap to open.

Sample Mode

CENSUS Mode
Dashboard

To **CLOSE** a case touch the back button below on the tablet.

You may then see a message, in which case you will need to touch the back button again.
Collecting Data
Collecting data - Navigation

Open navigation pane

Question with options

Enabled questions

Disabled question
Collecting data - Navigation

Swipe up and down to navigate between questions.
Collecting data - Navigation

Use the navigation pane to navigate between rosters, and modules.
Collecting data - Validation

The outline of the response turns red, and the message appears when a validation condition is violated.
Collecting data – question types

Numeric

B05. During the past 12 months, how many months did Joe live here?

WRITE 12 IF ALWAYS PRESENT OR IF AWAY LESS THAN A MONTH.

MONTHS

Tap to enter number
Collecting data – question types

Text

A09. NAME OF HOUSEHOLD HEAD:

John
Collecting data – question types

**Single Select**

B04. What is the residential status of Joe?

- USUAL MEMBER PRESENT
- USUAL MEMBER ABSENT
- REGULAR MEMBER PRESENT
- REGULAR MEMBER ABSENT
- GUEST
- USUAL MEMBER WHO LEFT HOUSEHOLD MORE THAN 6 MONTHS AGO
- LEFT PERMANENTLY/DIED
Collecting data – question types

Multi Select

I03. What was the advice from NATIONAL AGRICULTURAL ADVISORY SERVICES (NAADS) about?

- Agricultural production
- Agro-processing
- Crop Marketing
- Livestock Marketing
- Fishing production
- Livestock production: Meat
- Livestock production: Milk
- Prevention of Livestock diseases
Collecting data – question types

Categorical Multi Select, Yes/No

Does the enterprise sell [ITEM]?

- Yes / No
- Cereals
- Roots and Tubers
- Vegetables
- Fruits
- Meat and Fish
Collecting data – question types

Cascading
Collecting data – question types

**List**

IN ORDER TO MAKE A COMPREHENSIVE LIST OF INDIVIDUALS CONNECTED TO THE HOUSEHOLD, USE THE FOLLOWING PROBE QUESTIONS:

Just to make sure that I have a complete listing:

a) Are there any other persons such as small children or infants that we have not listed?

b) Are there any other people who may not be members of your family such as domestic servants, lodgers or friends who usually live here?

c) Are there any guests or temporary visitors staying here, or anyone else who stayed here last night, who have not been listed? IF YES, what are their names?

**B01. NAME**

MAKE A COMPLETE LIST OF HOUSEHOLD MEMBERS IN THE LAST 12 MONTHS INCLUDING GUESTS WHO SLEPT HERE LAST NIGHT AND THOSE THAT LEFT THE HOUSEHOLD PERMANENTLY

- Joe
- Jane
- Jeff
Collecting data – question types

Date

A17. DATE OF INTERVIEW

Tap to enter date
Collecting data – question types

GPS location of the household

Tap to record GPS

GPS

Tap to record GPS
Collecting data – Groups and Rosters

*Individual groups of questions are created for the each answer to the trigger question. Open the set of questions by tapping the roster.*

Use to navigate a level up.
Completing an interview and synchronization
Completing interview and sync

When a section turns green, it is completed and there are no errors.

Green = Complete
Red = Contains invalid
Blue = incomplete
Completing interview and sync

• **Before the interview is completed**, the interviewer is showing a screen summarizing the number of answer, unanswered and errors.

• **There is also comment box.**
Completing interview and sync

After the interview is completed, the dashboard will appear. Touch the arrows to synchronize.
QUESTIONS??