

Learner's Guide for Visual Data Entry

What is this guide?

This guide contains all exercises and detailed steps to perform them related to the review of **Relationships** for the Android Level 1 academy. Please perform each of the exercises when prompted to by your instructors

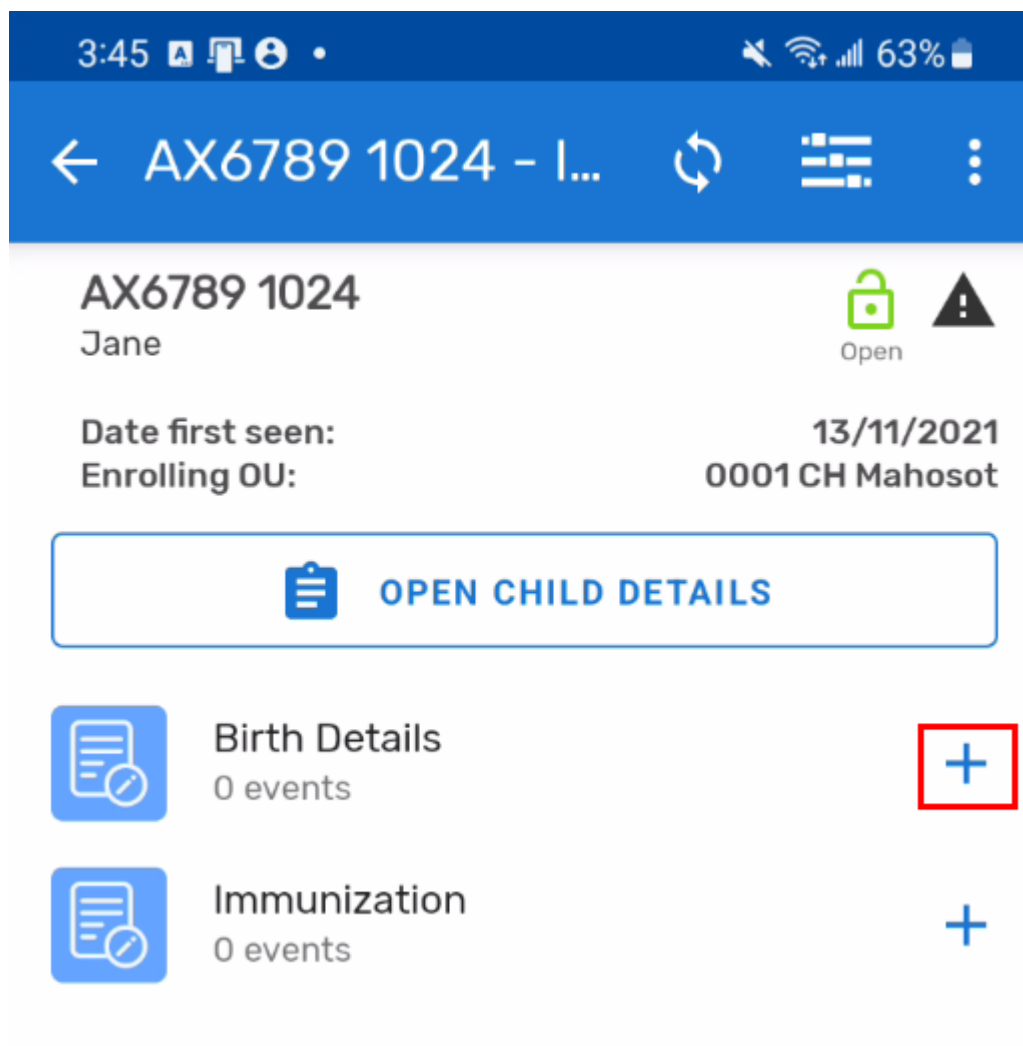
Learning objectives for this session

1. Describe how visual configuration can be used to display icons and colours for data elements and option sets
2. Demonstrate how to configure Option Sets for visual data entry
3. Demonstrate how to configure Program Stages for visual data entry

Exercise 1 - Review visual data entry in Android

In order to review visual data entry, you can search for an existing case or register a new record.

After you have accessed an existing or new child, add or edit the event for the birth details stage. The date of the event can be the same as their date of birth.



There are 4 sections within this program stage.

1. Details: Basic info on the birth and the mother
2. Type: Data element with an option set. Uses the default dropdown layout for an option set
3. Place: Uses the matrix layout and has a visual configuration for a data element
4. Mode: Use the sequential layout and has a visual configuration for a data element

You can expand each of the 4 sections in order to review how these different layout types appear on the android device.

Birth Details

13/11/2021 | 0001 CH Mahosot

0%

1 Details 0/3

2 Type 0/1

Birth type ⓘ

Enter text

Next

3 Place 0/1

4 Mode 0/1

3 / 15

Birth Details

13/11/2021 | 0001 CH Mahosot


0%

4


Mode

0/1


Mode of Delivery ⓘ




Vaginal/Normal




Forceps




Vaccum



C-section



Unknown



4 / 15

STOP - End Exercise 1

Configuration Guidance

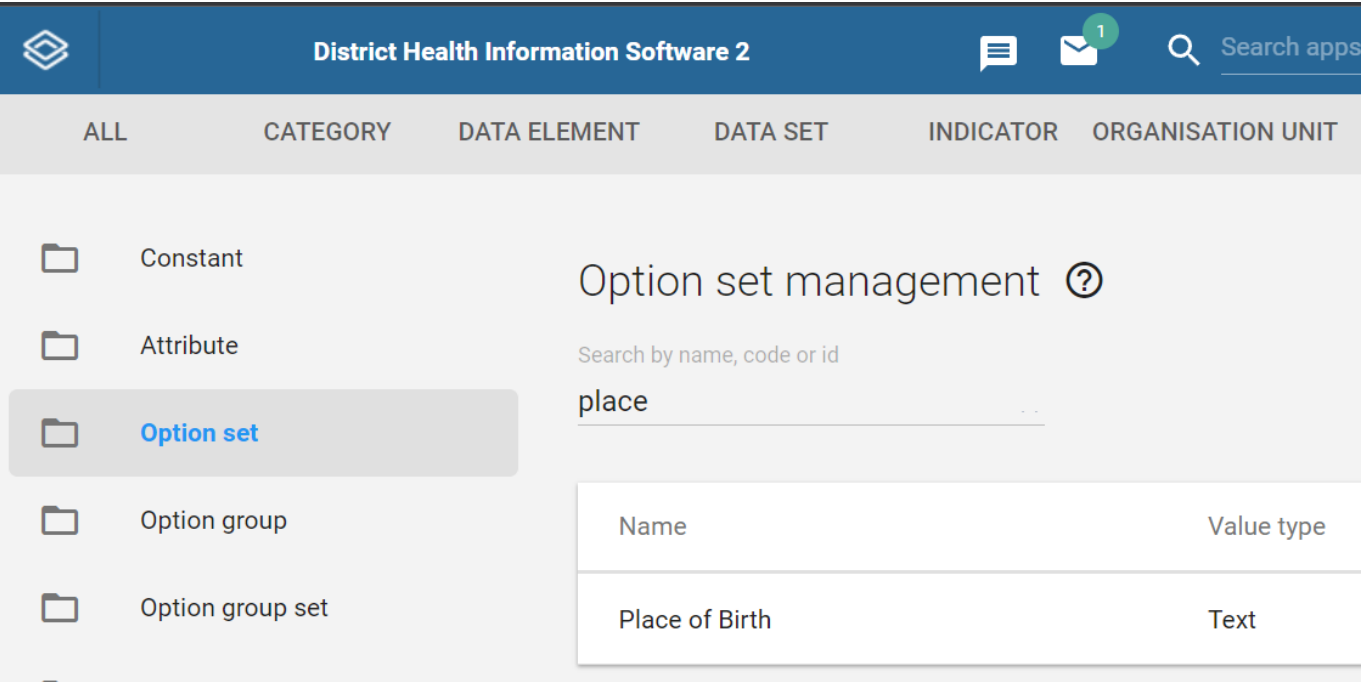
In order to visually configure data elements with option sets, we can follow this procedure:

- 1. Add icons and colours to each option within an option set
- 2. Add the data elements using these option sets to sections within a program stage
- 3. Configure the program stages to use either the matrix or sequential layout rendering type

Editing option sets

Lets start by editing our option sets.

Navigate to Option set within the maintenance app and find the option set "Place of Birth"



Open the option set and navigate to options.

This is where we can edit each option to use an icon and/or colour if we want to.

Select the option then select edit

← Option set ?

PRIMARY DETAILS

OPTIONS

<

>

E

SORT BY CODE/VALUE

SORT MANUALLY

Name	Code
Home	Home
Hospital	
Health Facility	
Unknown	Unknown

ADD OPTION

Edit

Delete

Translate

From here, we can select an icon or colour

Edit option

Name (*)

Home

Code (*)

Home

Color

SELECT COLOR

Icon



CHANGE ICON

REMOVE ICON

SAVE

CANCEL

In this case, we can see an icon has already been applied. Select "Change icon" this will bring up the icon selector.

Select icon

Search for icons

ALL

POSITIVE

NEGATIVE

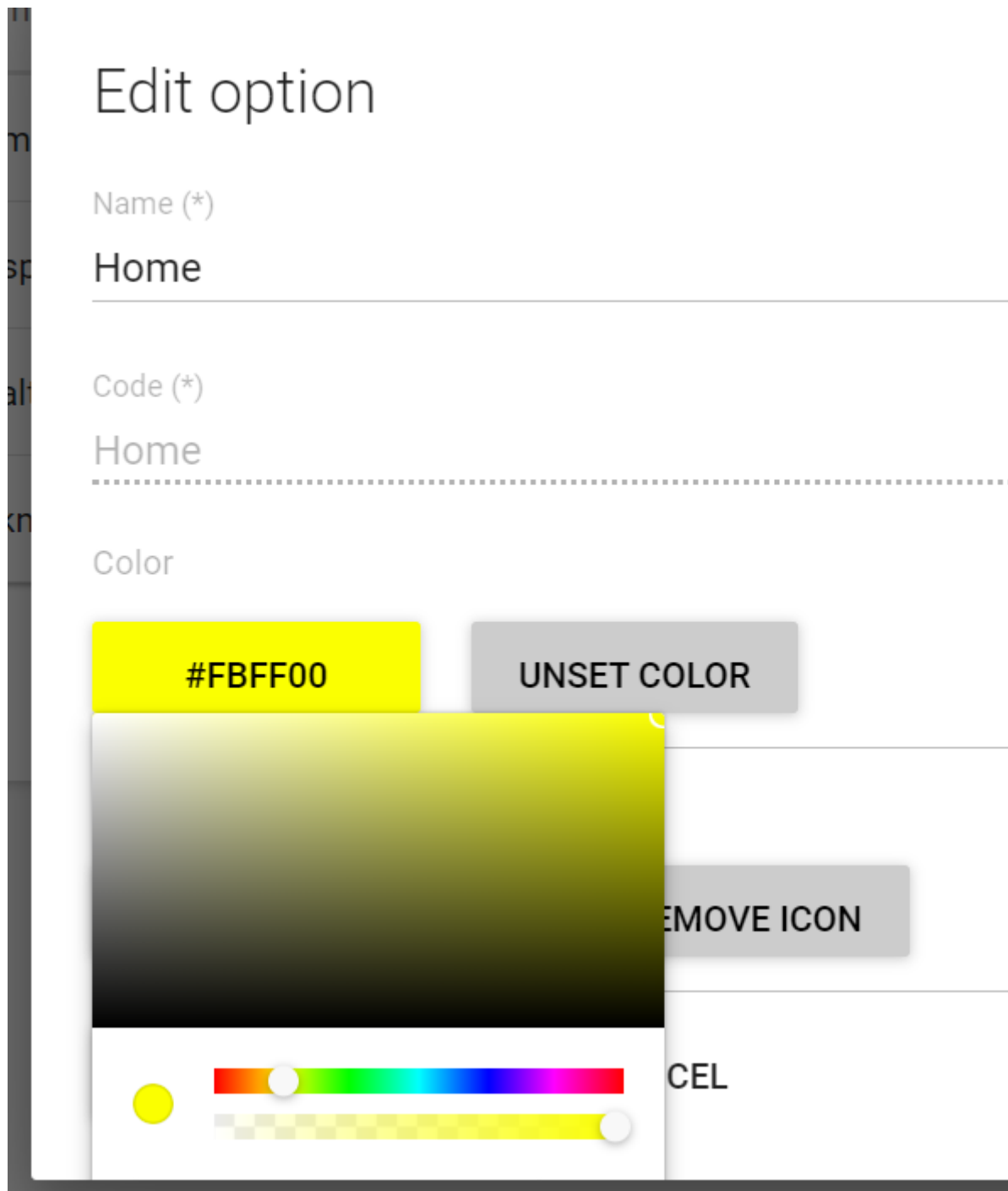
OUTLINE

home



You can select a different icon in order to show the effect this has.

There is no color currently selected for this icon. We could also select a color so it changes from the default.



The screenshot shows a web form titled "Edit option". It has three main input fields: "Name (*)" with the value "Home", "Code (*)" with the value "Home", and "Color". The "Color" field is currently set to "#FBFF00" (yellow). A color picker overlay is open, showing a gradient from black to yellow. Below the gradient is a color bar with a white slider and a small yellow circle. To the right of the color picker, there are two buttons: "UNSET COLOR" and "REMOVE ICON". Below these buttons, the text "CEL" is partially visible.

When this is done, Save the changes made to the option.

You can then Save the option set.

Review the program stage setup

Navigate to program maintenance and open the immunization program. From here, select the "Birth Details" stage from the Program stages tab

← Tracker Program ?

Immunization

1 Program details

2 Enrollment details

3 Attributes

4 Program stages

5 Access

6 Notifications

Name	Last updated
Birth Details	November 14, 2... <div></div>
Immunization	November 14, 2... <div></div>

Navigate down to the "Create data entry form" section of the program stage

3 Create data entry form

BASIC

SECTION

CUSTOM

Custom forms take precedence over section forms if both are present. Only section forms are supported by the Android app. If no custom or section form is defined, the basic form will be used.

Details

Filter elements

Birth weight (kg)

Gestational age (weeks)

Parity

ADD SECTION TO FORM

Available data elements

Filter elements

Birth type

Birth weight (kg)

Delivery Mode

Find the "Place of birth" section for this form.

Place

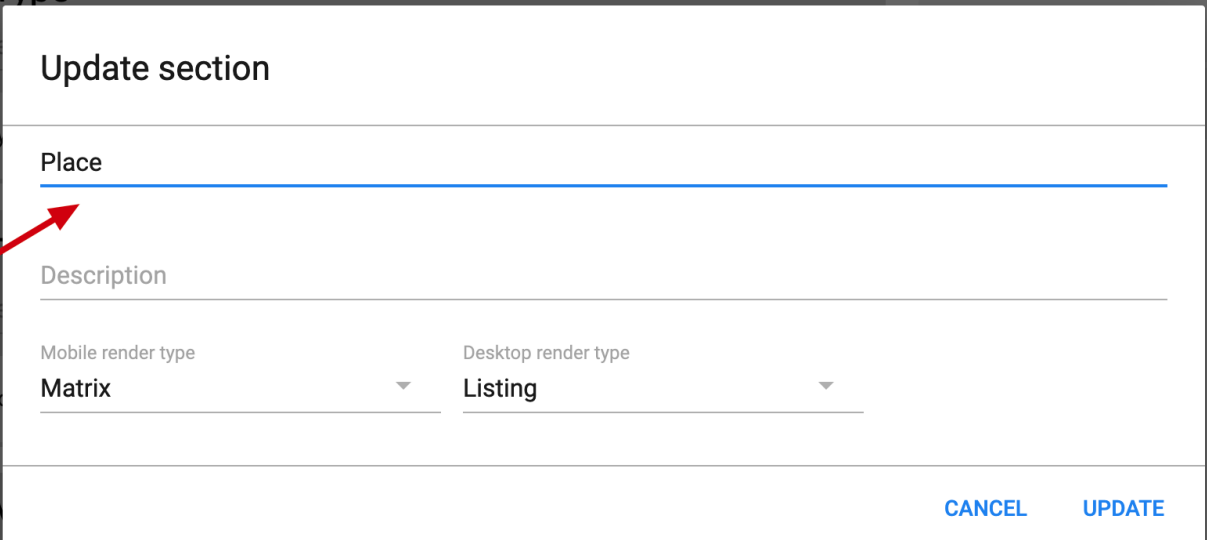
Filter elements

Place of Birth

We can see it has one data element for place of birth. This data element is using the place of birth option set that we have just edited.

Select the pencil icon in order to edit this section

9 / 15



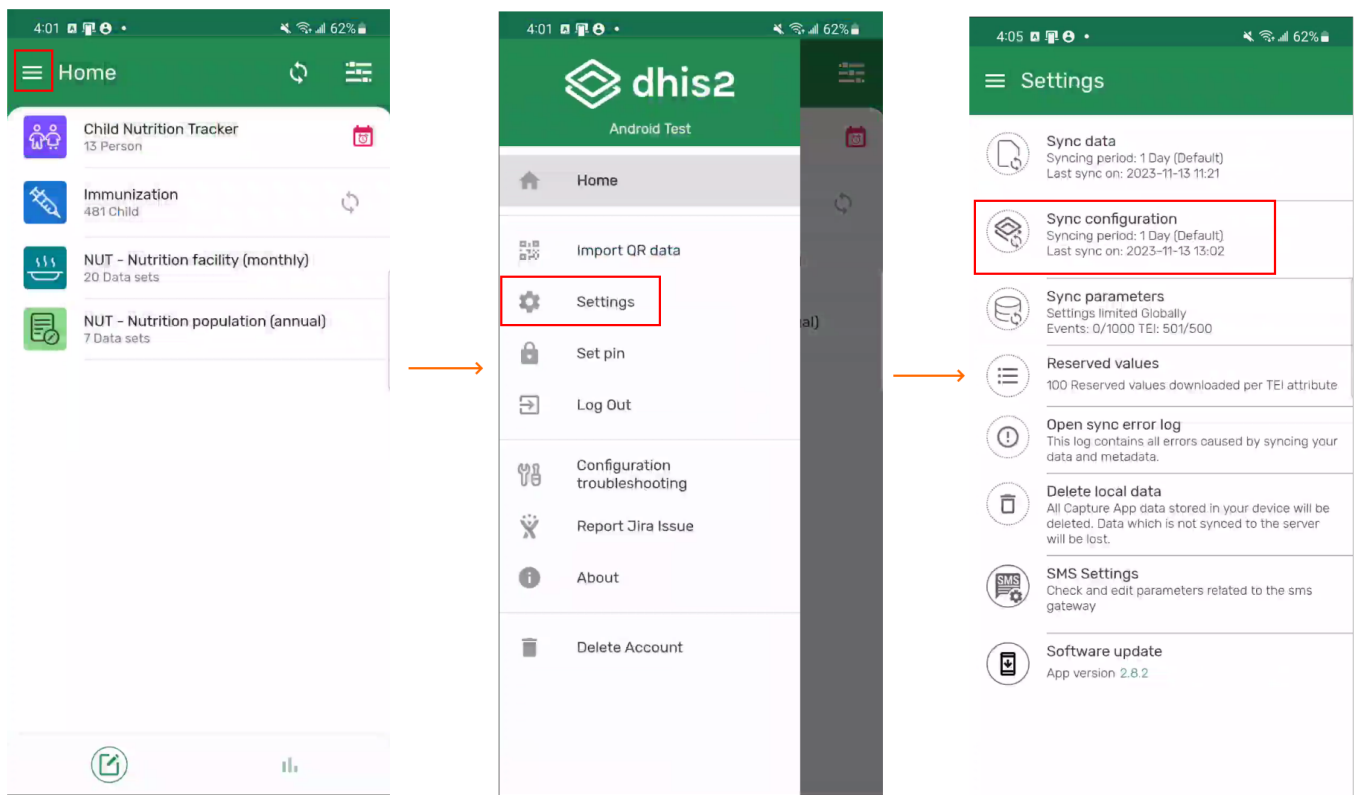
The image shows a dialog box titled "Update section" with a red box around a pencil icon in the background. The dialog has fields for "Place", "Description", "Mobile render type" (set to "Matrix"), and "Desktop render type" (set to "Listing"). At the bottom are "CANCEL" and "UPDATE" buttons.

We can see that the mobile render type is set to "Matrix." This will render this options in quadrants as per our table within the presentation for this session.

Sync and review changes on the device


To see this update reflected on the device, we need to sync our configuration


Exit out of the program and navigate back to the home screen. From here select the settings menu, select settings and finally sync configuration




After select sync configuration you can select "sync configuration now"




 **Settings**


**Sync data**
Syncing period: 1 Day (Default)
Last sync on: 2023-11-13 11:21


**Sync configuration**
Syncing period: 1 Day (Default)
Last sync on: 2023-11-13 13:02


Syncing period is not editable


SYNC CONFIGURATION NOW


**Sync parameters**
Settings limited Globally
Events: 0/1000 TEI: 501/500

**Reserved values**
100 Reserved values downloaded per TEI attribute

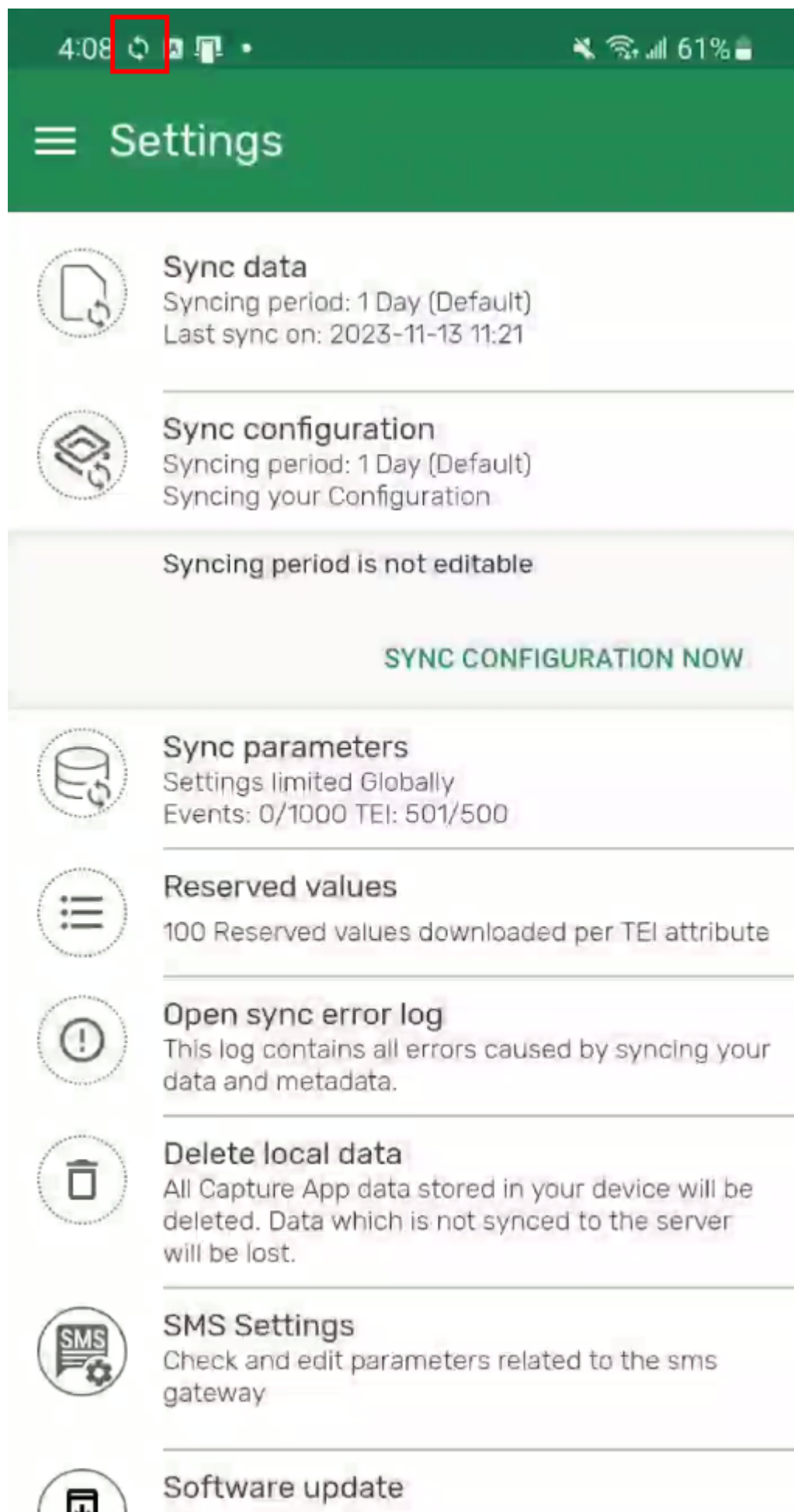
**Open sync error log**
This log contains all errors caused by syncing your data and metadata.

**Delete local data**
All Capture App data stored in your device will be deleted. Data which is not synced to the server will be lost.

**SMS Settings**
Check and edit parameters related to the sms gateway

**Software update**
App version **2.8.2**

Give the device a moment to sync. You will see a sync status icon in your device notification pane. You can expand your pane to see the sync status.





App version 2.8.2

Once this is finished, navigate back to the program to view the change you have made.

If we re-examine the birth detailsstage and open the "Place" section, we will see the home icon has been updated with a new icon and colour scheme.

Birth Details

13/11/2021 | 0001 CH Mahosot

0%

1

Details

0/3

2

Type

0/1

3

Place

0/1

Place of Birth

Home

Hospital

Health Facility

Unknown

14 / 15

