Getting Started

Background

This document outlines where the current technical resources for the project are, and how to get them running.

Mobile Device Applications

Until the custom resources for this project are fully finalized, both android applications are currently custom builds of their respective projects. These will need to be "sideloaded" (or installed from the .APK executable) onto the local devices. Some instructions for sideloading can be found here.

NOTE: Biometrac's application will need to be installed after the CommCare application to ensure that their permissions are set properly.

Step 1

Install Dimagi's Custom CommCare Android Build and load it onto the device.

Step 2

Install the Biometrac scanner app (BMTCore.apk)

Step 3

- Navigate to https://www.commcarehq.org/a/utbsp/
- Select "Test Application" from the applications drop down
- Select "Deploy" from the leftmost pane
- Select "Deploy" from the most recent starred version
- Select "Download to Android"

Step 4

Open CommCareODK (installed in Step 1) from your device, select the Scan Barcode option, and scan the QR code from Step 3 to install the application.

Step 5

Create your first case by completing the Index Patient Screening or by logging in as an existing user with cases.

Step 6

Once your first case is created, navigate to the BioMetrac app on your device and open the application. From here, select the CommCare Settings option. On this screen, make sure the case type is set to "scanned" and make sure the finger labels in the BioMetrac app match the finger variables in the dropdown IE left_index to left_index, right_thumb to right_thumb, etc.

Step 7

Return to CommCareODK and continue using the application. The app should now successfully match so that you can't Screen the same fingerprints twice and if you scan in a follow-up form you retrieve the correct case.

Application Description

Specifications for what properties should be saved to and loaded from the case found here.

Module 0 - Checking Scan

Test forms for the finger print scanner. You should be able to register a case in the first form and load the case in the next form, with the saved name appearing in the follow-up form. Will be deleted before deployment.

Module 1 - Index Patient

- Form 0 - Index Patient Recruitment
  
  DM/AF to fill out

- Form 1 - Index Patient Screening
  
  Performs initial finger print scan for index patients. If a match is found, this form should present a notice that there is an existing match and not present any further questions or create a case. If no match is found, the form should present initial questions and create a case.

- Form 2 - Study Randomization
  
  DM/AF to fill out

- Form 3 - Index Patient Interview
shows a list of the cases created in Index Patient Screening. Once one of these cases is selected, allows you to fill out further questions about this Index Patient that will be saved to that case.

Module 2 - Contacts of Index Patients

Form 0 - Contact Screening
Parallel to Index Patient Screening except for Contacts

Form 1 - Contact Interview
Parallel to Index Patient Interview except for Contacts

Form 2 - Contact Recruitment Script
DM/AF to fill out

Module 3 - Lab Results

Form 0 - HIV Lab Testing
Allows you to select a Contact or Index patient form the Case List, loads the values described in the spreadsheet from this case, displays the questions, saves the values described in the spreadsheet to this case.

Form 1 - Sputum 1
Allows you to select a Contact or Index patient form the Case List, loads the values described in the spreadsheet from this case, displays the questions, saves the values described in the spreadsheet to this case.

Form 2 - Sputum 2
Allows you to select a Contact or Index patient form the Case List, loads the values described in the spreadsheet from this case, displays the questions, saves the values described in the spreadsheet to this case.

Form 3 - Sputum 3
Allows you to select a Contact or Index patient form the Case List, loads the values described in the spreadsheet from this case, displays the questions, saves the values described in the spreadsheet to this case.

Module 3 - Clinic Visits

Form 0 - Contact Clinic Evaluation
Performs an initial finger print scan. If there’s no match, notifies the user and doesn’t present any further questions or make changes to a case. If there is a match, should notify the user of the matched case name and then present questions, saving values to the case as specified in the spreadsheet.

Form 1 - Contact TB Patient Follow-up
Performs an initial finger print scan. If there’s no match, notifies the user and doesn’t present any further questions or make changes to a case. If there is a match, should notify the user of the matched case name and then present questions, saving values to the case as specified in the spreadsheet.

Module 4 - Fingerprint Help
DM/AF to fill out

Module 5 - Training
DM/AF to fill out

App Resources

The Screening and Followup application can now be installed into CommCare on the local device.

The current application is hosted on the CommCareHQ website in the "utbsp" project space here: https://www.commcarehq.org/a/utbsp/

You can follow these directions to install the application onto the mobile device.