



ELIF UGANDA

COVID-19 Electronic Laboratory Investigation Form mobile App User guide

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Table of Contents

Table of Contents.....	1
Overview.....	3
Requirements.....	4
Installation.....	4
User Login.....	4
Invalid Login.....	5
Entering Lab Investigation Data.....	6
.....	7
Entering Results.....	8
Suspects Pending Results List.....	8
Submitted Result.....	9
Entering Logistics Data.....	10
Logistics.....	10

Overview

By April 2020, more than half of the world was under lockdown by their respective governments, a move aimed at controlling the rapid spread of the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), which causes COVID-19. To mitigate the spread of this virus, Uganda suspended schools, places of worship and public gatherings. The confirmation of the first COVID-19 case in Uganda, of a businessman travelling back from Dubai-UAE on the 21st March 2020, subsequently led to the closure of the Entebbe International Airport and suspension of passenger travel at the border entry points followed by private and public transport and business dealing in non-essential goods and services.

The Central Public Health Laboratory IT team developed a mobile app basing on the Laboratory Investigation Form to help collect Lab investigation data and also assign results to the covid cases.


The processed results are submitted to Results Dispatch System through an active internet connection.


Requirements

Mobile Device with the following: -

- Memory 110Mb
- OS – Android
- Internet connection with internet reachability

Installation

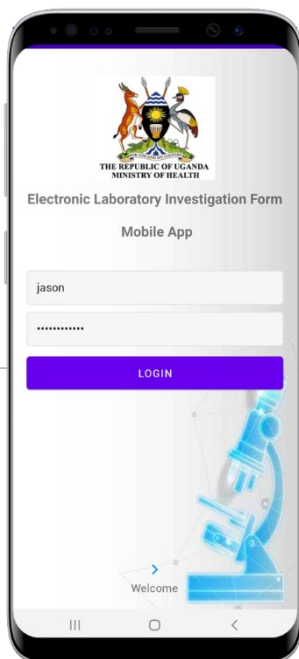
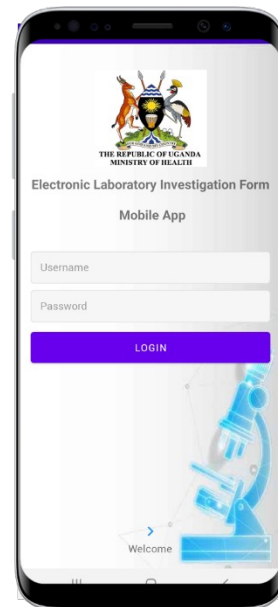
Turn on internet connection on your android device (phone or tablet). Go to Google play-store  and type “ELIF UGANDA” in the search field. In the options displayed select the ELIF

UGANDA” with a  to open the application and select install. Wait for the application to download and install. If it’s already installed on your phone please make sure to have the most recent release from Google play store.

User Login

On launch of the ELIF UGANDA Application, the login page is loaded. Enter the username and password provided by CPHL.

Note*: In case of invalid login try again and if problem persists contact the support team.



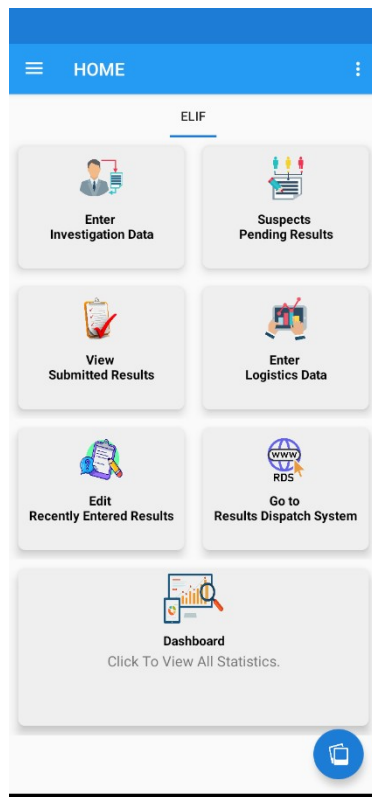
Invalid Login

In case the user attempts to login with no username and/or password the '**Enter username and password and try again**' message is displayed.

When an invalid username and password combination is provided the '**Response: Unauthorized**' message is shown.

If the CPHL server cannot be reached for authentication, '**Connection failed...**' message is displayed. Contact IT for support.

Note: If you can't recall your login credentials request for a password reset from the CPHL ICT service desk at customercare@cphl.go.ug or toll free on 0800221100



Entering Lab Investigation Data.

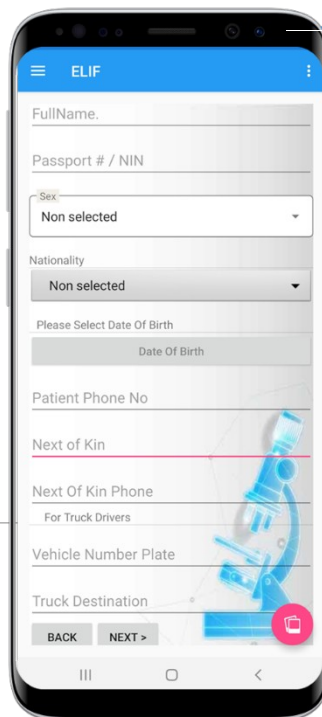
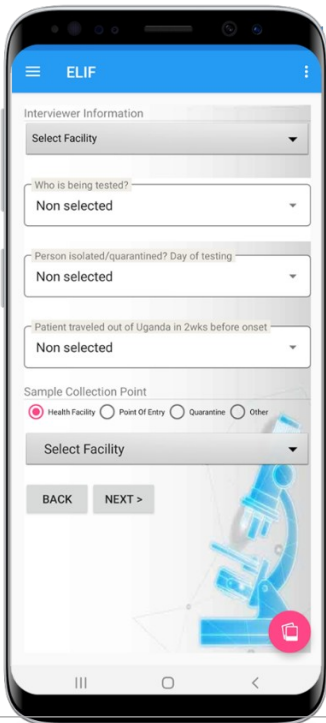
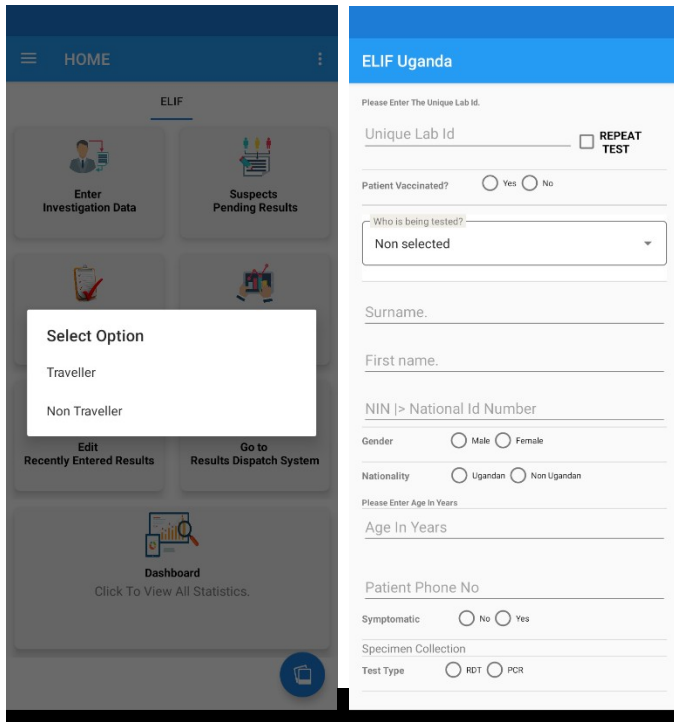
On initial login, four tabs are displayed i.e

- **Enter Investigation data**
- **Suspects Pending Results**
- **View Submitted Results**
- **Enter Logistics Data**
- **Edit Recently Entered Results**
- **Go to Results Dispatch System:** Re-directs to RDS
- **Dashboard:** Re-directs to covid-19 dashboard

To enter investigation data, tap on the “**Enter Investigation data**” tab.

Enter the information you are prompted to enter and tap the “**NEXT**” button when done. For every page fill in the required info and press “**NEXT**”

Note*: Most of this information is provided from the Lab Investigation Form.



Entering Results

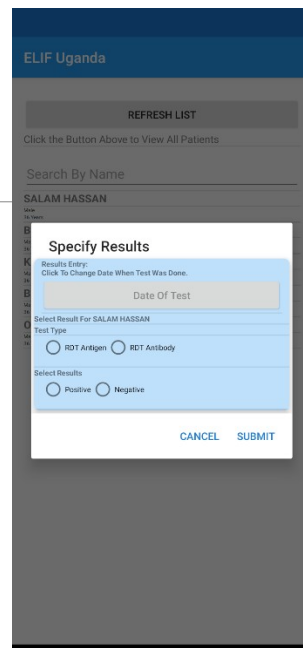
After entering the investigation data, you are taken back to this tabbed page. Click “**Suspects Pending Results**” tab.



Suspects Pending Results List.

Click on the suspect in the list, you will be prompted to enter the Results and test type.

A “**SAVED**” will pop up.

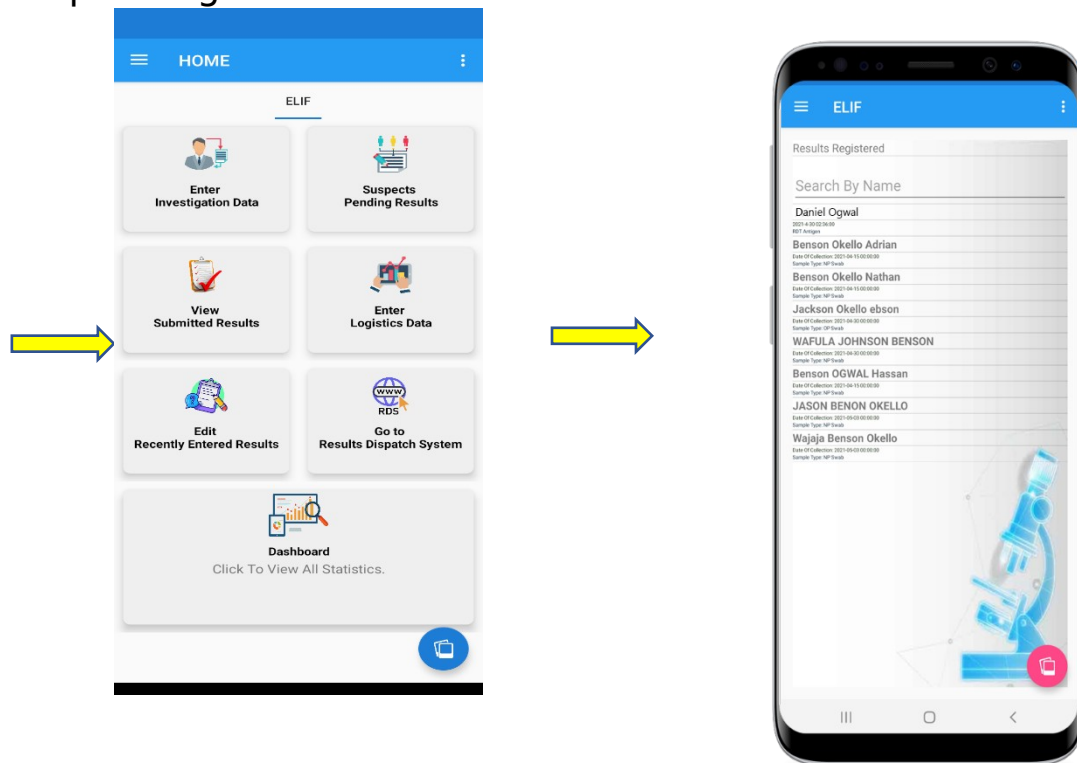
A smartphone screen showing a 'Specify Results' dialog box overlaid on the app's main interface. The dialog box has a white background and a blue header. It contains the following fields and options: 'Results Entry' with a sub-note 'Click To Change Date When Test Was Done.' and a 'Date Of Test' input field; 'Select Results For SALAM HASSAN' section with 'Test Type' options: 'RDT Antigen' and 'RDT Antibody'; and 'Select Results' options: 'Positive' and 'Negative'. At the bottom of the dialog are 'CANCEL' and 'SUBMIT' buttons. The background app interface is dimmed, showing a 'REFRESH LIST' button and a search bar.

Submitted Result

Click on the three lines indicated at the top left corner of the app to return to the tabbed page (main page).

Click on the “**Submitted Results**” Tab. The case entered will appear in the list displayed. When any in the list is tapped or clicked, a pop up will be displayed either “**Result: Negative**” or “**Result: Positive**”

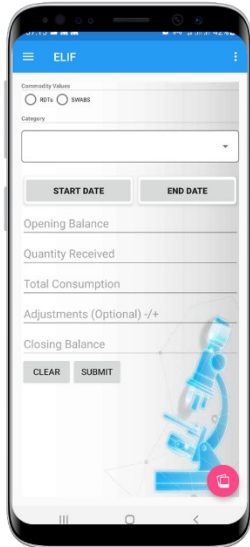
depending on the result submitted.



Entering Logistics Data

Check on previous step to go back to the tabbed or main page. Click on the “**Logistics**” tab,

Logistics.



Enter the required information and submit. Don't enter the Closing balance it will be automatically calculated.

Note*: If the connection has internet reachability, then let the IT team contact CPHL to ascertain that the CPHL server is up and running. The mobile app can also work offline with no internet and the information will be submitted on internet connection.