



# USER GUIDE FOR THE PREVENT TB APPLICATION

Version 1.0

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## ABOUT THIS GUIDE

The document is a complete guide for the users on how to use the Prevent TB Mobile Application. It contains instructions on each of the components supported with illustrations for ease of understanding flows & features.

## PREVENT TB MOBILE APPLICATION

The Prevent TB App is designed to help healthcare workers to conduct facility and outreach level contact investigation linked to active TB index cases. The data recorded is visualized on an online dashboard and can be monitored in real time. The solution consists of three components namely, Smart set up, Mobile / Web app & Dashboard.

The smart set-up platform allows the countries to adapt the solution to their country specific needs through a self-use interface. This approach ensures complete ownership by the countries where they can manage the platform with minimal technical capacity or dependency.


### How to Use the Prevent TB solution?


- I. **Register & Login** into the **Smart Set up** to design / create a program in sync with the country specific requirements with respect to the variables required in different stages and other specifications.

Link : <https://ltbigen.duredemos.com/smartsetup/>

Smart-Setup Login Register Activate Account

### Register

**Program Performance**  
Real time indicators & program performance for community centric initiatives. Configure program as you need.

**Smart Setup**  
Ready to use business templates on the cloud.

Your First Name

Your Last Name

Email Address

Organization Name

Organization Type

Your Mobile Number

Smart-Setup

Login Register Activate Account

This is the first step for adapting the COVID platform to country specific need. The user would need a one-time registration on the smart-set-up. Once the users have successfully registered, they will get access to the smart set-up where they can create a program, configure registration and service forms, alerts, dashboard indicators and publish. The user can also upload index cases for which contact investigation is needed, manage user groups and facility and even print QR coded cards.

**Login Form**

Username

Password

Log me in

Forgot Password

2. Once a program is created, the user can use the **user credentials** generated through the **smart set up** to login to the web / mobile application & the dashboard

smart test89  
live@mailinator.com

**Users**

Username	Password
28660_orw1@uatpreventtb.org	Test@123
28660_orw2@uatpreventtb.org	Test@123
28660_orw3@uatpreventtb.org	Test@123
28660_facilitytb1@uatpreventtb.org	Test@123
28660_facilitytb2@uatpreventtb.org	Test@123
28660_facilitytb3@uatpreventtb.org	Test@123

Close

Powered by **Dure Technologies**

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3. The **mobile application** can be used to encode data by outreach health workers or facility users

The screenshot displays the 'Prevent TB' mobile application interface. At the top, the status bar shows the time 11:41 and various icons. The app's title bar includes a back arrow, a menu icon, the title 'Prevent TB', and a settings icon. The main form contains the following fields:

- Client Type:** A dropdown menu with 'Contact' selected.
- Given Name:** An empty text input field.
- Date of Birth:** A date picker showing '2022-08-10'.
- Age:** A text input field with '0' entered.
- Gender:** A dropdown menu with a downward arrow.
- Phone Number (Primary):** An empty text input field.

Below the form is a blue bar with two tabs: 'REGISTRATION' (active) and 'RISK ASSESSMENT AND >'. At the bottom is a navigation bar with three icons: a magnifying glass for 'Search', a folder for 'My clients', and a house for 'Home'.

Link : <https://ltbigen.duredemos.com/product/>

### Credentials

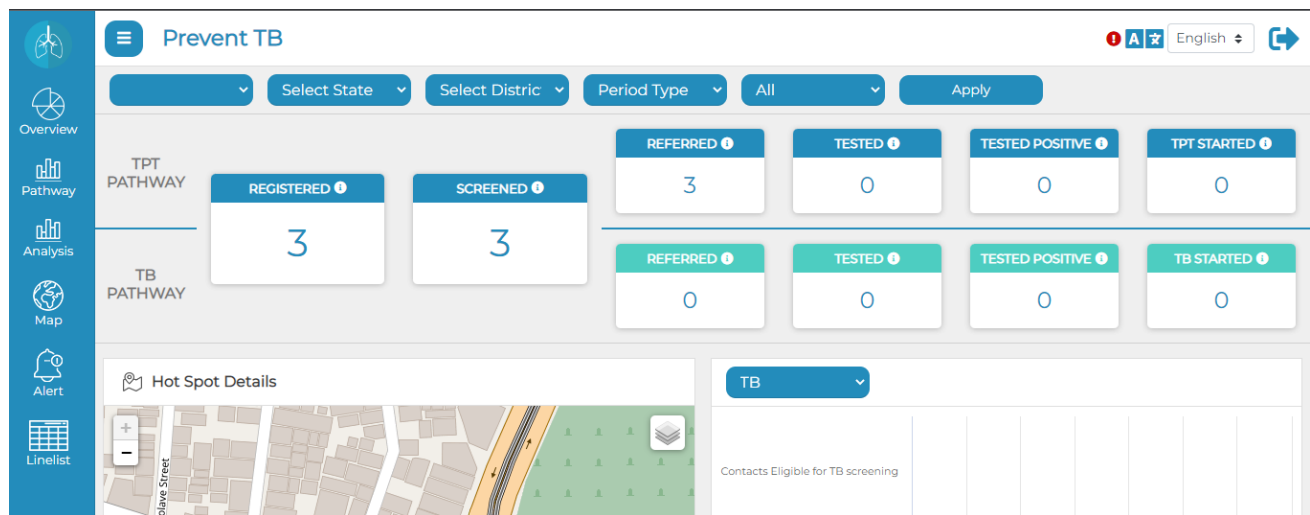
Username : [28660\\_orw1@uatpreventtb.org](mailto:28660_orw1@uatpreventtb.org) ; Password : Test@123

Username : [28660\\_facilitytb1@uatpreventtb.org](mailto:28660_facilitytb1@uatpreventtb.org) ; Password : Test@123

4. The data entered by the users can be **visualized** on the dashboard with appropriate visualizations

Link : <https://ltbigen.duredemos.com/ltbi-generic-new/>

Username : [live@mailinator.com](mailto:live@mailinator.com) ; Password : Test@123

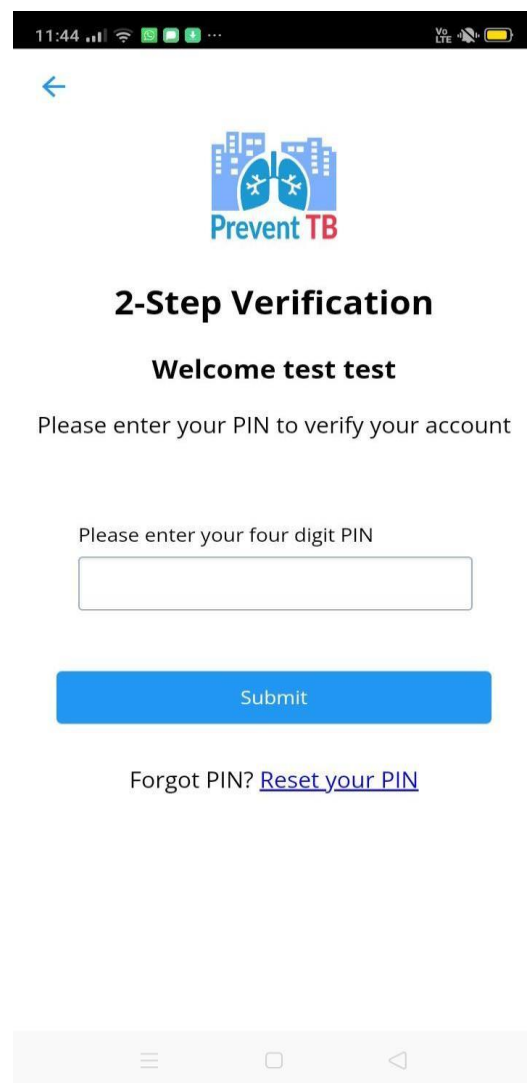
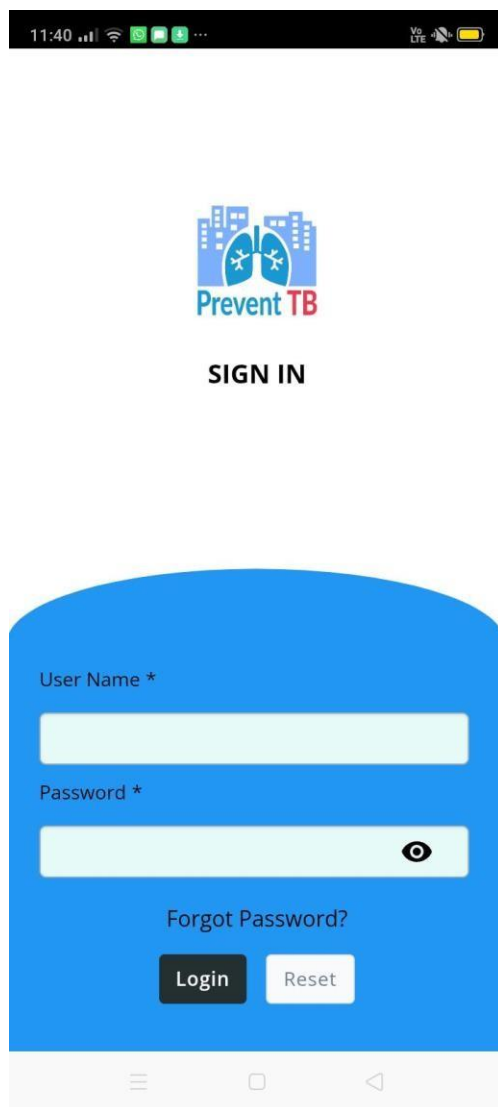


## SIGN IN & MULTI FACTOR AUTHENTICATION

After the app is installed the user will see the 'Sign In' page.

**Sign-In Page:** The user can sign in with using their username and password to access the application.

**Multi – Factor Authentication:** The latest version of the application has the multi factor authentication incorporated as a feature. The user enters the default six-digit code followed by setting of the four-digit verification pin to complete the user authentication process.

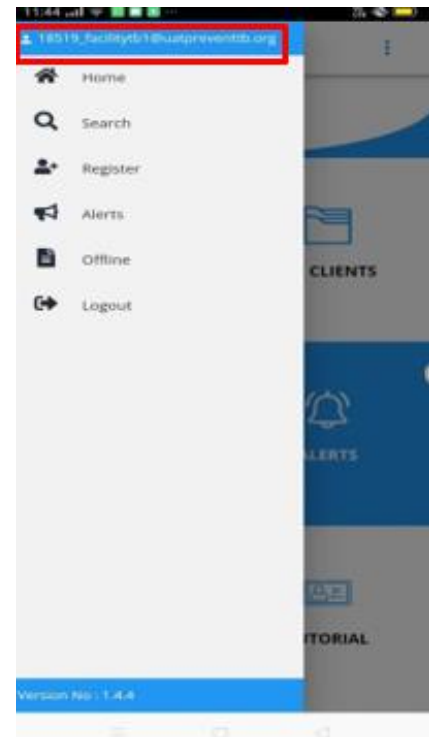
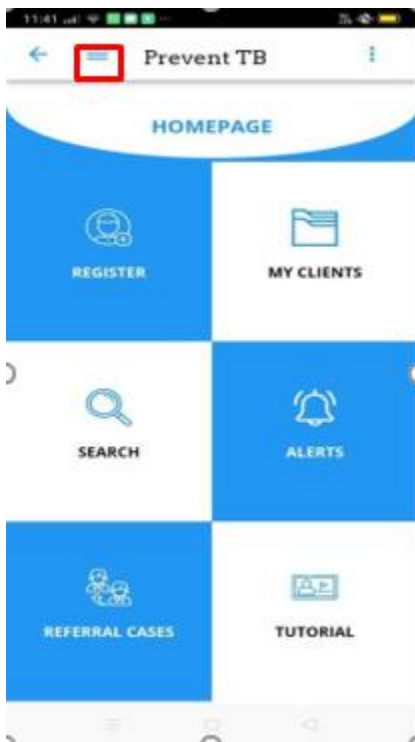




## HOME PAGE & LEFT MENU

The Home page will have the application name on the top and 7 modules – Add New Client, Search, Alerts, My Clients, Tutorial and Referral Cases (for facility users) & Offline (ORW & Facility users)

On the left menu the user can see the User ID & Other Navigation buttons.



## ADD NEW CLIENT

The 'Add New Client' module will allow the user to register a client by capturing their basic personal details. Once the registration is completed and if the registered client is identified as an index case then contacts can also be associated with the index case at this stage. If the registered client is identified as a contact, then the client is given 'Risk Assessment and Referral' service where the client can be referred for TB or TB Infection (TBI) testing.

**Prevent TB**

Client Type  
Contact

Given Name

Date of Birth  
2022-08-10

Age  
0

Gender

Phone Number (Primary)

REGISTRATION RISK ASSESSMENT AND REFERRAL

Search My clients Home

**Prevent TB**

Name: Riya Client Type: Contact

Refer to lab for testing \*

☐ TB TESTING FORM  
☐ TB INFECTION TESTING FORM  
☐ TB TREATMENT INITIATION FORM  
☐ TPT INITIATION FORM

Refer to Facility Center

Symptoms

☐ None  
☐ Current Cough  
☐ Night Sweat  
☐ Fever  
☐ Weight Loss  
☐ Others

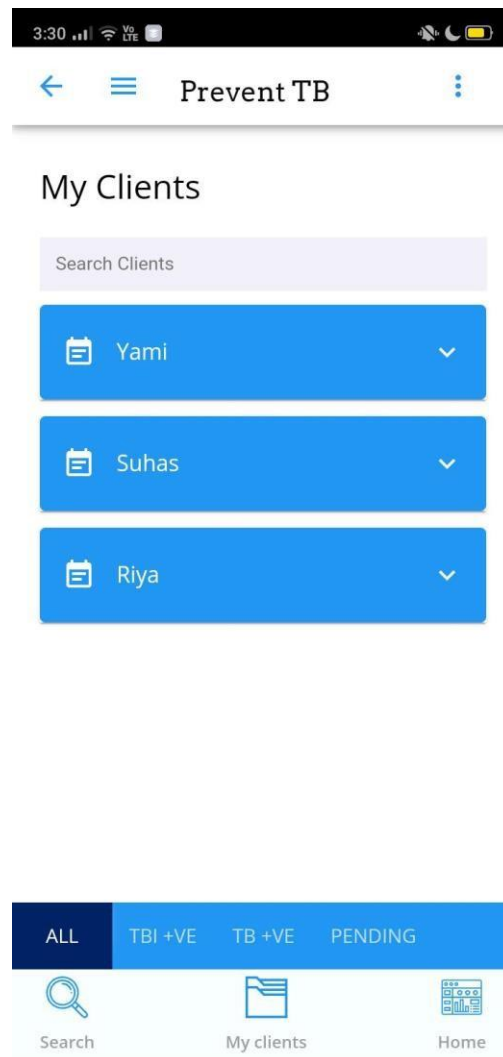
Submit

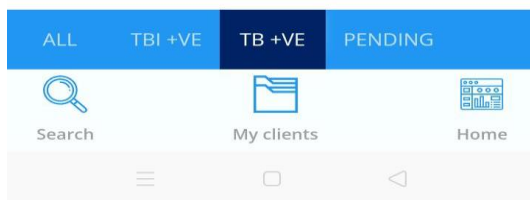
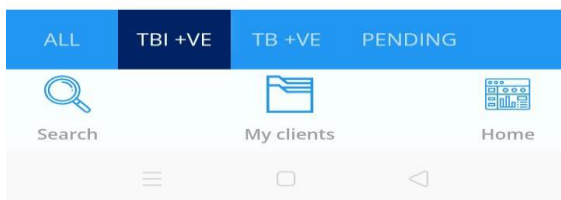
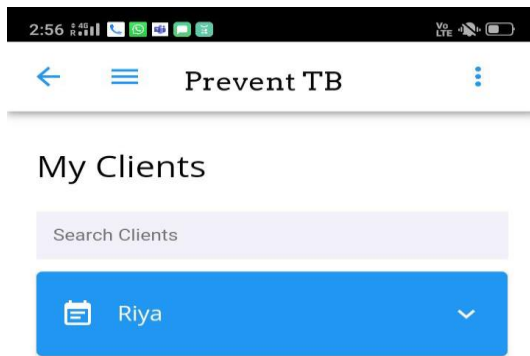
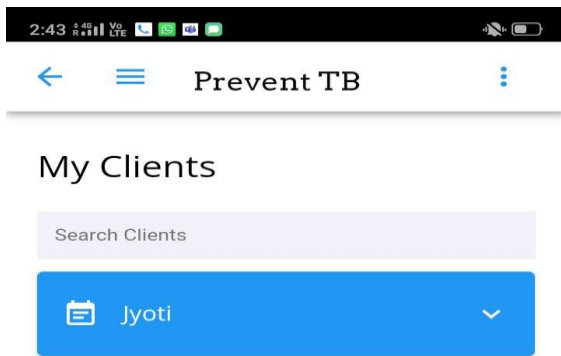
ION RISK ASSESSMENT AND REFERRAL

Search My clients Home

## MY CLIENTS

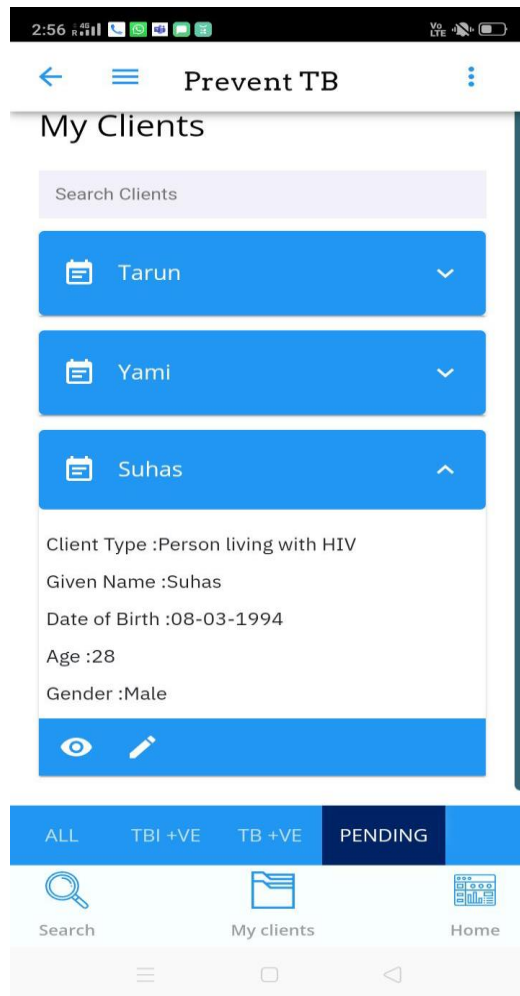
All the clients registered in the mobile application are visible in this module in a list format. In this module the registered clients are listed into four categories which are 'All', 'TBI positive', 'TB positive' & 'Pending'.





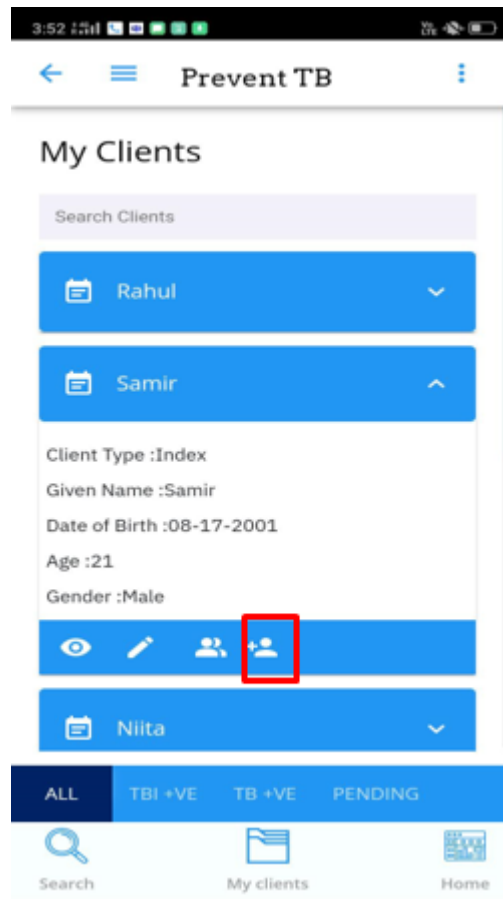
### Pending Section

Contains the list of patients who have tested “Negative” for TB or TBI Testing.



### Addition of contacts

Contacts can also be associated with the Index cases by clicking on the 'Add Contact' button on the Index profile



## RISK ASSESSMENT AND REFERRAL

At this stage a contact or PLHIV can be referred for TB/TBI testing based on the symptom screening. If symptomatic, then the contact is referred for TB testing and if asymptomatic then the contact is referred for TBI testing where available or for evaluation of TPT eligibility

The screenshot shows a mobile application interface for TB prevention. At the top, the status bar shows the time 3:28 and various icons. The app header is titled 'Prevent TB'. Below the header, a blue bar displays 'Name: Riya' and 'Client Type: Contact'. The main form area contains three sections: 'Refer to lab for testing \*' with four checkboxes (TB TESTING FORM, TB INFECTION TESTING FORM, TB TREATMENT INITIATION FORM, TPT INITIATION FORM), 'Refer to Facility Center' with a dropdown menu, and 'Symptoms' with six checkboxes (None, Current Cough, Night Sweat, Fever, Weight Loss, Others). A blue 'Submit' button is located below the symptoms section. At the bottom, a navigation bar has three tabs: 'ION' (selected), 'RISK ASSESSMENT AND REFERRAL', and a third tab with a right arrow. Below the navigation bar are three icons: a magnifying glass for 'Search', a folder for 'My clients', and a calendar for 'Home'.

3:28 .lll VoLTE

← ≡ Prevent TB ⋮

Name: Riya Client Type: Contact

**Refer to lab for testing \***

☐ TB TESTING FORM

☒ TB INFECTION TESTING FORM

☐ TB TREATMENT INITIATION FORM

☐ TPT INITIATION FORM

**Refer to Facility Center**

**Symptoms**

☐ None

☐ Current Cough

☐ Night Sweat

☐ Fever

☐ Weight Loss

☐ Others

Submit

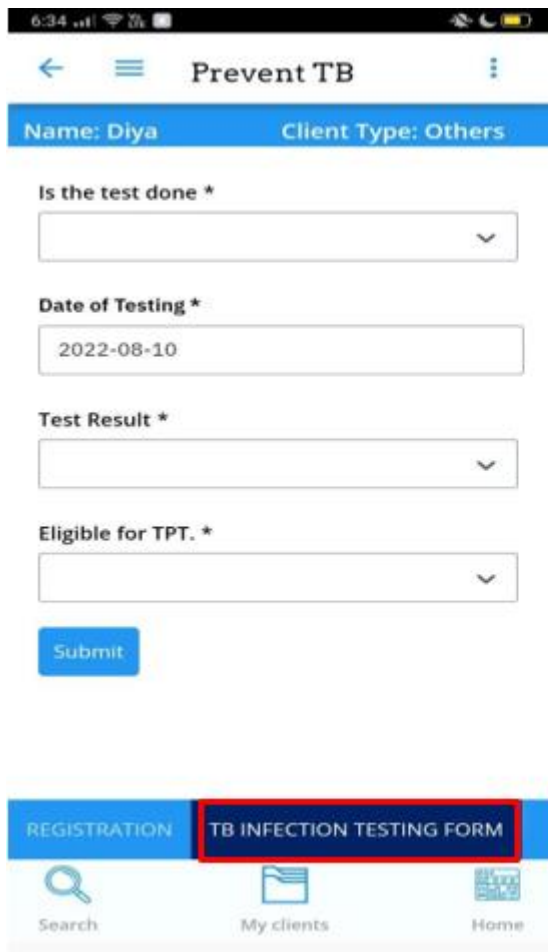
< ION RISK ASSESSMENT AND REFERRAL >

Search My clients Home

## TB/TBI TESTING FORM

Based on the symptoms a client is referred for TB/TBI testing in the 'Risk Assessment and Referral' stage. TB/TBI testing forms are used to capture the testing details of the clients, based on the test result the client is given treatment service.

TB Infection form consists of variables related to TBI testing & TB form consists of variables related to TB testing.



**Prevent TB**

Name: Diya Client Type: Others

Is the test done \*

Date of Testing \*

2022-08-10

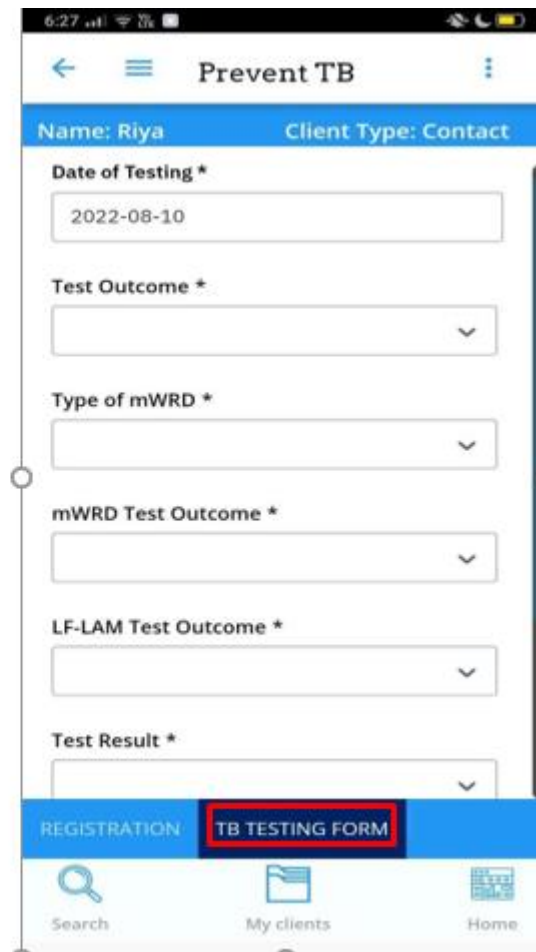
Test Result \*

Eligible for TPT. \*

Submit

REGISTRATION TB INFECTION TESTING FORM

Search My clients Home



**Prevent TB**

Name: Riya Client Type: Contact

Date of Testing \*

2022-08-10

Test Outcome \*

Type of mWRD \*

mWRD Test Outcome \*

LF-LAM Test Outcome \*

Test Result \*

REGISTRATION TB TESTING FORM

Search My clients Home



## TB/LTBI TREATMENT INITIATION FORM

Based on the test results captured in the TB/TBI testing form, the treatment is initiated using the TB/TBI treatment initiation form. TB treatment can be initiated only if a client has tested positive for TB disease but in case of TBI the testing stage is optional and TB Preventive treatment can be initiated without recording the results from tests of TB Infection

3:46

← ≡ Prevent TB ≡

Name: Ritu Client Type: Contact

Treatment Initiated \*

Regimen \*

Date of treatment Initiation \*

2022-08-10

Submit

6:40

← ≡ Prevent TB ≡

Name: Riya Client Type: Contact

Treatment Initiated \*

Yes

Date of treatment Initiation \*

2022-08-10

Submit

< REGISTRATION TPT INITIATION FORM >

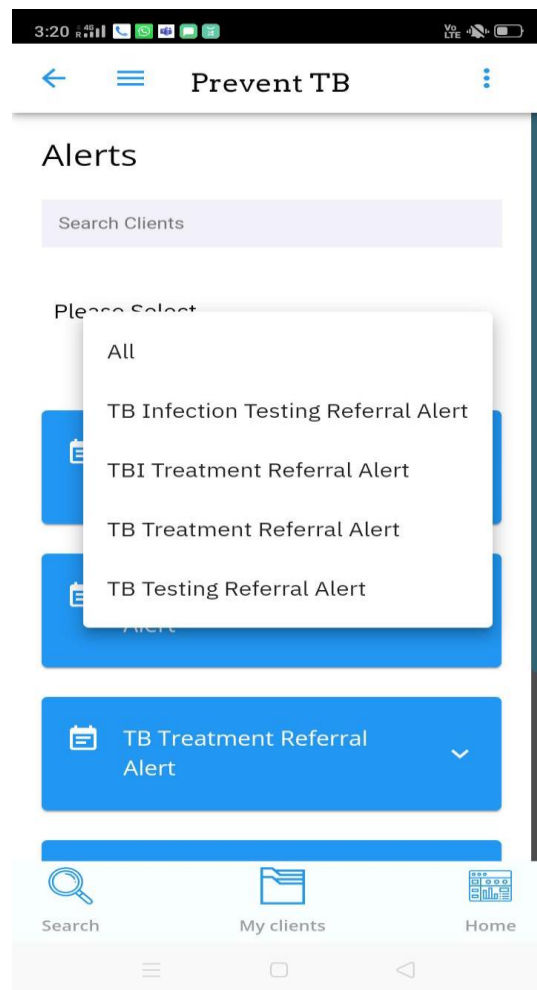
🔍 📁 📊

< ION TB TREATMENT INITIATION FORM >

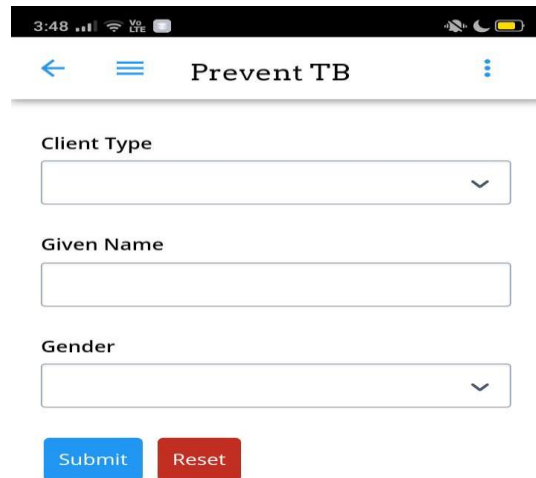
🔍 📁 📊

## ALERTS & SEARCH PAGE

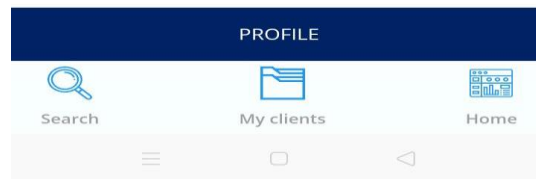
**Alerts Page:** The user can see the list of alerts which are pre-defined and are generated using the smart set up built & threshold. Some examples of types of alerts are – TB Infection Testing Referral Alert, TB Treatment Referral Alert, TB Testing Referral Alert & TB Treatment Alert.



**Search Page:** The search module has Custom search which uses details of the registered client using name, mobile number and gender to search for a client.



The screenshot shows a mobile application interface for a search module titled "Prevent TB". At the top, there is a status bar with the time 3:48 and various icons. Below the title bar, there are navigation icons: a back arrow, a menu icon, and a three-dot menu. The form contains three input fields: "Client Type" (a dropdown menu), "Given Name" (a text input field), and "Gender" (a dropdown menu). At the bottom of the form, there are two buttons: a blue "Submit" button and a red "Reset" button.

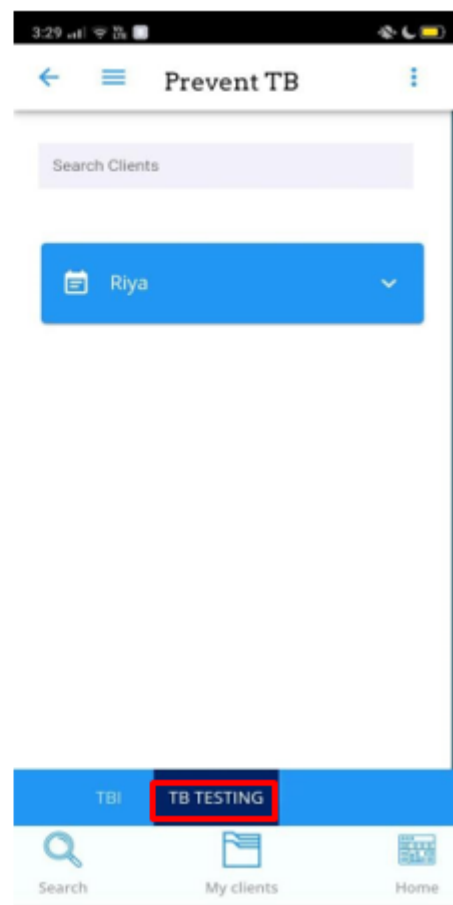
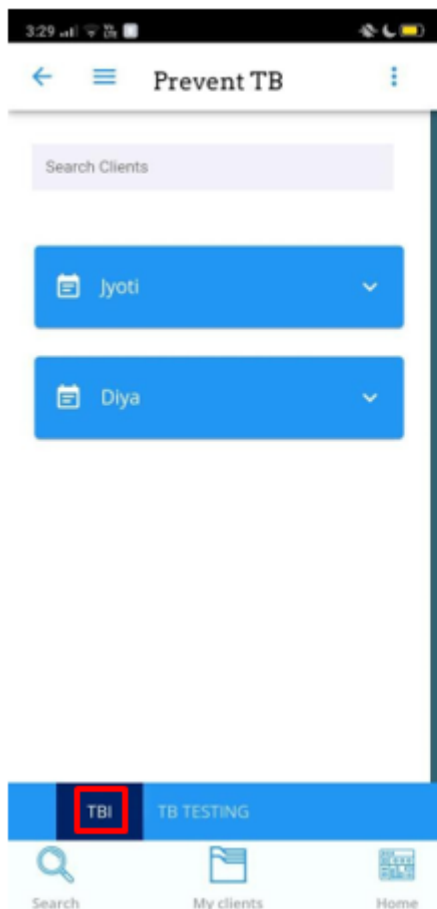


## REFERRAL CASES

This module displays the list of clients in two categories:

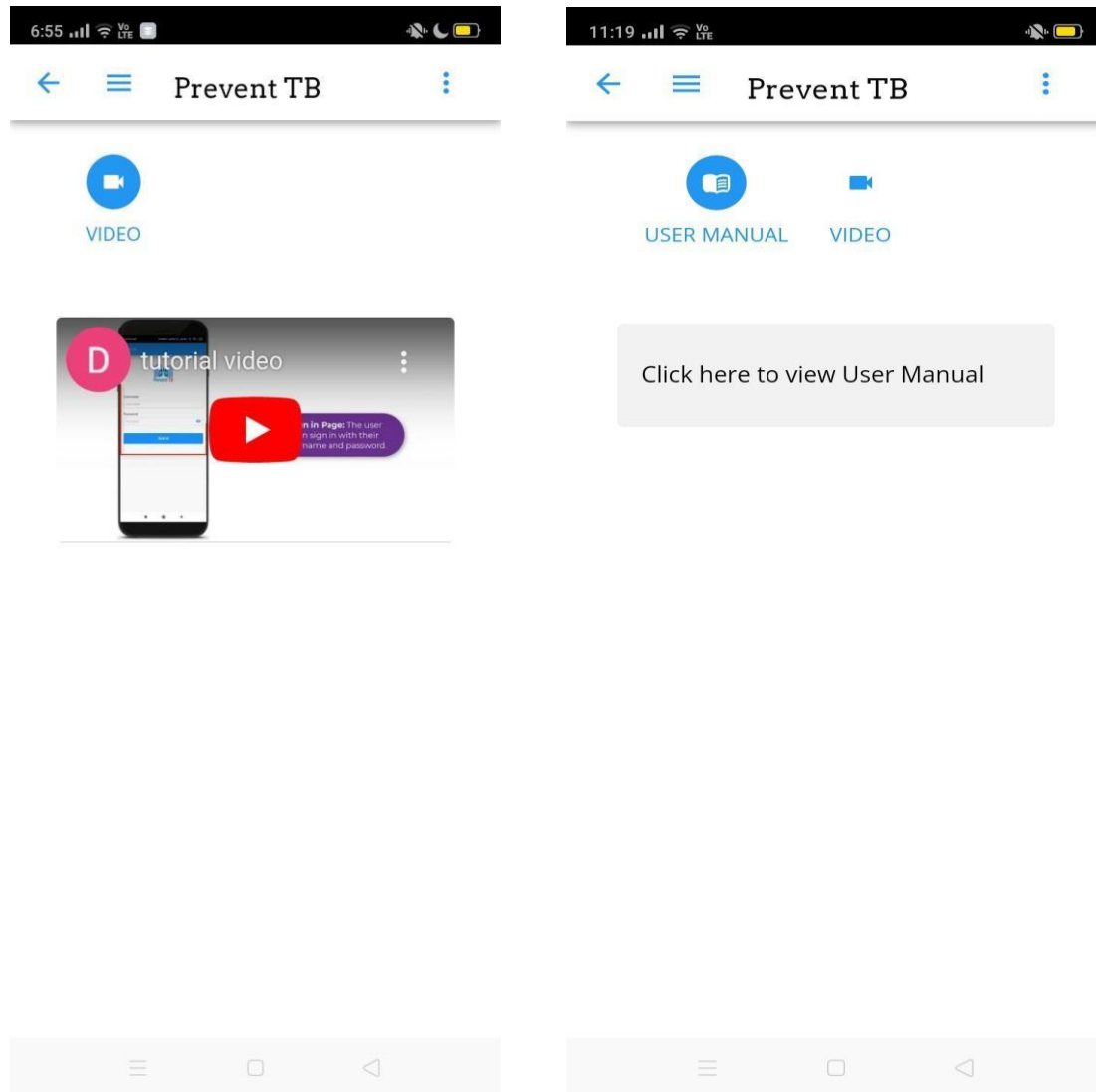
- TB Testing Referrals
- TB Infection Testing Referrals

Based on the symptoms a client is referred for TB or TB Infection testing and this module displays the list of clients under the two categories.



## GET KNOWLEDGE

This module allows the user to access the user manual and video tutorial of the mobile application.



## OFFLINE USE

In case of power outages or internet connectivity issues this feature can help the outreach worker users continue to enter and collect data without any hindrance

Once a patient is registered in the offline mode, the patient can be viewed in the offline module and the same can be synchronized to the live database by selecting the “Sync” button present in the offline module.

The newly added patients will then be visible in the “My clients” section

