Prevent TB

Application User Manual

Client-side

VERSION 1.0

Contents

Introduction to Prevent TB

Purpose of the document

This document is a complete guide for the users on how to explore and use the client facing component of the Prevent TB application. It contains step by step instructions to enable use of the application by clients and patients started on TB preventive treatment and works as a supportive tool throughout their treatment journey.

Prevent TB Components

The Prevent TB platform has the following modules:

1. Web / Mobile Application – Healthworker interface
2. Web / Mobile Application – Client Interface
3. Dashboard
4. Smart Setup

This document covers the walk-through of the client facing component of the application.

Application URLs

The Prevent TB application is available both as a web app as well as a mobile application on Google Play Store and App Store.

Web App URL

- Web App: https://uatltbi.duredemos.com/productuatv1/

Languages

The Prevent TB platform is available in all official WHO languages:

1. English
2. Arabic
3. Chinese
4. French
5. Spanish
6. Russian

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The application can also be customized in any other local language using the Prevent TB Smart Setup. This would require a single time effort of adding translations for the existing data labels.

Introduction to the Application – Client Side

Installation

1. The Prevent TB application is available both on the Google Play store and Appstore.
2. The Android app is compatible with devices having Android 8 and above.
3. It is also available in the form of a webapp and can be accessed using a browser (link under System URLs section).

Modules

The Prevent TB client-side application has the following modules:

1. Mark Medication Adherence
2. My Journey
3. Get Connected
4. Near me
5. Health Tools
6. Education and Knowledge

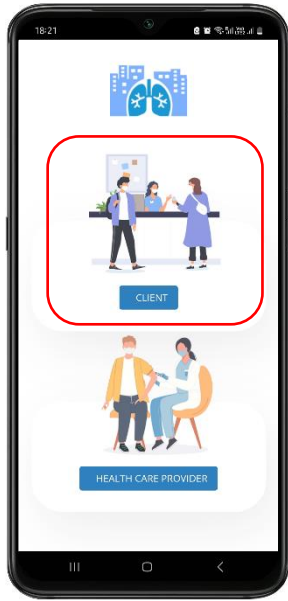Dure Technologies

Login and Language Preference

Figure 1: Client log-in

Figure 2: Login via mobile number

1. To access the web app, the user should open the web app link (from System URLs) on a web browser. It is recommended that the web application is accessed via an incognito/private window for a seamless user experience.
2. The user must select 'Client' on the login page.
3. To access the mobile application, the user needs to login to the app with their registered mobile number.
4. A One-Time Password (OTP) will be sent to their registered mobile number, which is to be entered into the pop-up box on the application.
5. If the user is not registered or doesn't receive the One-Time Password (OTP), they should contact their provider or administrator.
6. The user is then redirected to the Language Preference page, where the language of choice can be selected.

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Homepage

Figure 3: Homepage

1. The homepage allows the user to access the various modules of the application.
2. The homepage also allows the user to view the following details -
   a. App Version number
   b. User's Unique Identification Number
   c. Language selection
   d. Theme selection
   e. Logout
3. The following modules are available on the homepage:
   a. Mark Medication Adherence
   b. My Journey
   c. Get Connected
   d. Nearme
   e. Health Tools
   f. Education and Knowledge
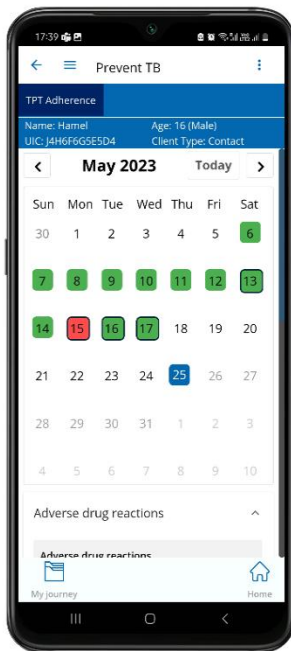
1. Mark Medication Adherence
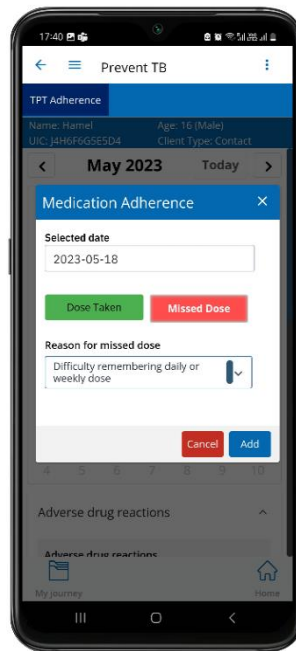

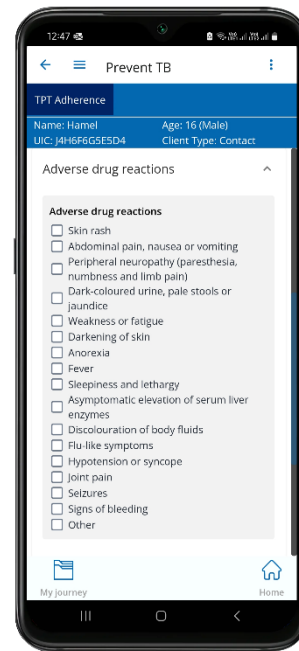Figure 4: Adherence Calendar   Figure 5: Mark Adherence   Figure 6: Reporting ADR

1. The 'Treatment Adherence' section redirects the client to a calendar, which allows them to mark TPT Adherence.
2. To mark adherence, the client must select the date for which adherence is to be added to the calendar.
3. If the user selects 'Missed dose', they would be prompted to enter a reason for the missed dose.
4. On submitting, adherence is highlighted against that date on the calendar.
5. The adherence is marked and displayed in the following way:
   a. Missed Dose: The date on which the dose is missed is marked in red.
   b. Dose taken: The date on which the dose is taken is marked in green.
   c. Adverse event: The date on which an adverse event was noted is highlighted.
6. If the client records an adverse event for any date using the application, their respective health worker receives an 'ADR alert' on their device. Being promptly notified of adverse drug events reported by their patients, health workers can take necessary action or convey instructions using the 'Get Connected' module of the application.
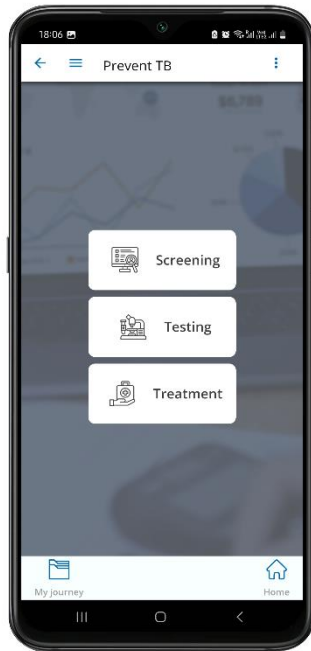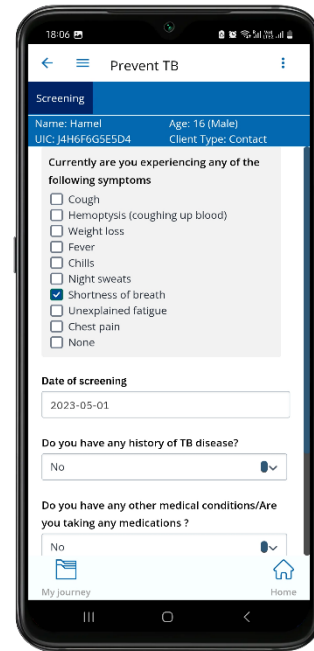
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2. My Journey

Figure 7: My Journey

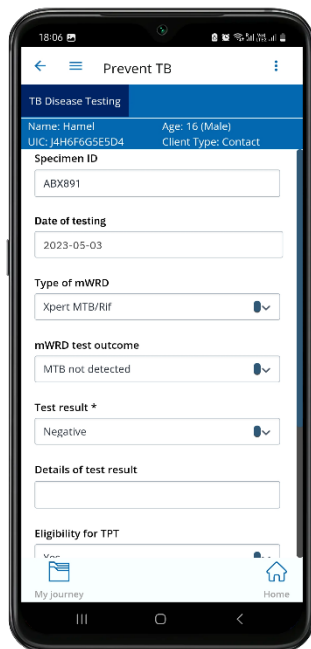**Figure 8: Screening**

Figure 9: Testing

Figure 10: Treatment

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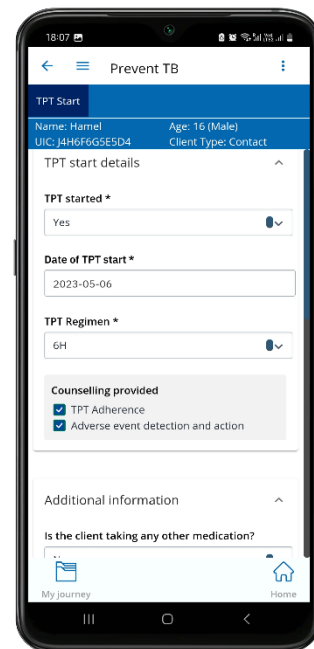
1. This section allows the client access to three stages of their own records, as follows:
   a. Screening
   b. Testing
   c. Treatment
2. Each option redirects the client to the forms containing the client specific details for each of the above stages.
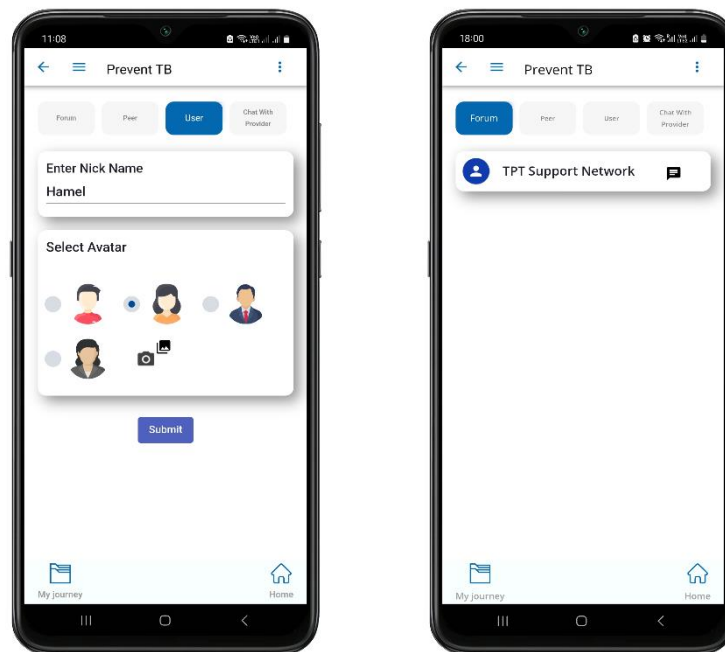
3. Get Connected

Figure 11: Get Connected

1. To access the 'Get Connected' module, the client needs to first register themselves under the 'User' tab in this module.
2. To register themselves, the client will have to enter any nick name of choice and select an avatar for their profile.
3. After submitting, the user can explore the other available sections in this module. These include-
   - Forum
   - Peer
   - Chat with Provider
4. The 'Forum' section allows users to participate in group chats where multiple clients can share their thoughts and opinions on any specific topic.
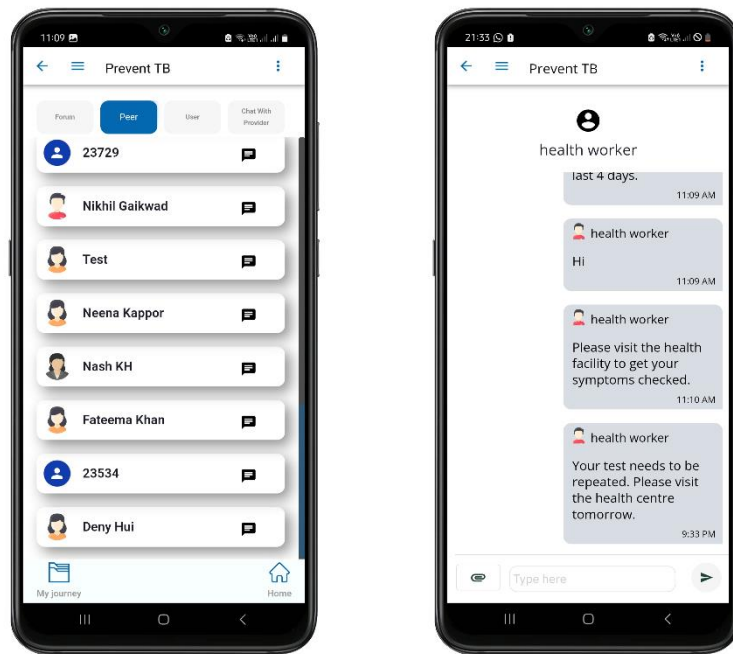
Figure 12: Get Connected

5. The 'Peer' section enables direct chat with any other registered user on the application. A search bar can be used to look for any known user on the application as well.

6. The 'Chat with Provider' section in this module facilitates direct communication between the client and their health worker. This serves as a useful tool which can be used by the clients to ask any urgent questions to their health workers without having to visit the health facility. Health workers receive these messages on the 'Get Connected' module on the provider interface and can use the section to convey any instructions or relevant information to their clients.

4. Nearme

Figure 13: Nearme

1. This module redirects the client to a map with the client's current location marked with a pin.
2. All nearby available facilities and health centers are visible on this map.
3. The client can also get a list of these centers and set a proximity limit within which they would prefer to access these centers by clicking on the 'Settings' icon on the right.
4. The facilities can also be filtered based on facility type by clicking on the 'Filter' icon.
5. A list of all enrolled health facilities under the program can also be accessed by the clients through the use of the 'List' icon on the right corner of the screen.

5. Health Tools

This module allows the client to access to the following:
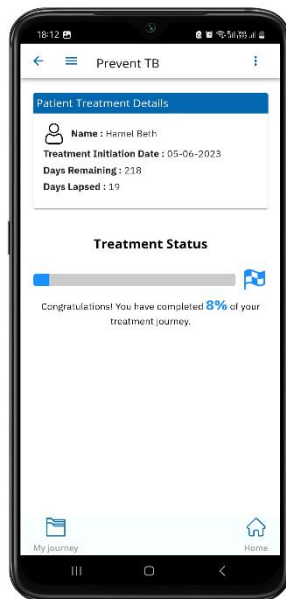
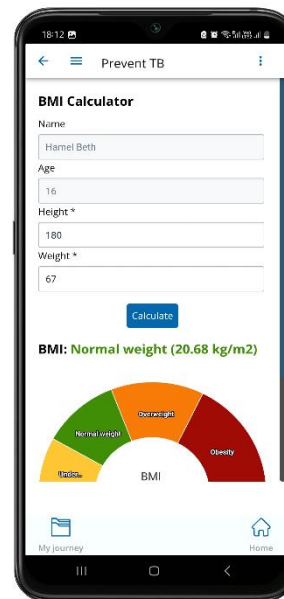1. Treatment Status Tracker

Figure 14: Treatment Status

Figure 15: BMI Calculator

    a. This section displays the following treatment information:
        i. Treatment Initiation Date
        ii. Treatment Completion Date
        iii. Days Remaining
        iv. Days Relapsed
    b. A treatment status tab displays the point at which the client is at in their treatment journey.
5. Body Mass Index (BMI) Calculator
    a. The client can enter their height and weight to calculate their body mass index in this section.
    b. The client's name and age are auto-filled based on details available in the system.

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6. Education and Knowledge

This module can be used as an information dissemination section where relevant content and useful links can be added for raising awareness for the clients. The content in this section can be tailored as per the need of the program by the program administrators.
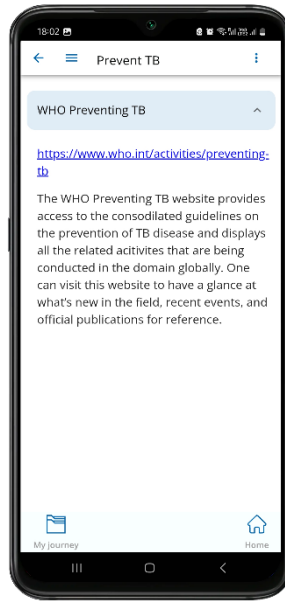

Figure 16: Education and Knowledge