User Guide ITIS Lite Mobile

Mandatory TB Notification for Health Facilities and Providers

INTRODUCTION

Tuberculosis (TB) remains a major problem in the Philippines as the country ranks fourth globally in terms of incidence based on the 2019 Global Tuberculosis Report and fares lowest in terms of national performance compared with the ASEAN neighbors.

Under-notification of TB cases remains a perennial problem that the Department of Health (DOH) aims to solve. The Republic Act No. 10767 (Tuberculosis Law) signed last April 26, 2016 – Sec. 12 Notification of TB cases – where in "*All public and private health centers, hospitals and facilities shall observe the national protocol on TB management and shall notify the Department of Health (DOH) of all TB cases as prescribed under the Manual of Procedures of the National TB Program (NTP) and the Philippine Plan of Action on Tuberculosis Control*" signifies the DOH to enhance the Integrated TB information System (ITIS), the official reporting system for TB program.

The Knowledge Management and Information Technology Service (KMITS) of the DOH in coordination with the Disease Prevention and Control Bureau (DPCB) developed the 'Mandatory TB Notification' reporting system, also known as the Integrated TB Information System (ITIS) Lite. The health practitioners and facilities can easily notify the DOH of their TB notification through this system as required by the Tuberculosis Law. It can work offline and syncs data automatically, tracks treatment outcome of patients via dashboard and ensures security of patient data.

ITIS Lite is the light version of ITIS that can be accessed in two different platforms to notify TB cases to DOH. Users can encode to ITIS Lite Web through a desktop or laptop. The other one is by using a smartphone where the ITIS Lite Mobile is downloaded and installed.

This user guide is created specifically for ITIS Lite Mobile. It shows the step-by-step process of installation and notifying a TB case; and provide detailed instructions on the features and functionalities of the application.

Table of Contents

I. OPERATIONAL REQUIREMENTS

The minimum requirements to operate the system are as follows:

A. INTERNET CONNECTIVITY

A reliable internet connection of at least 1 mbps is required for installing the application and for syncing encoded cases.

B. SMARTPHONE

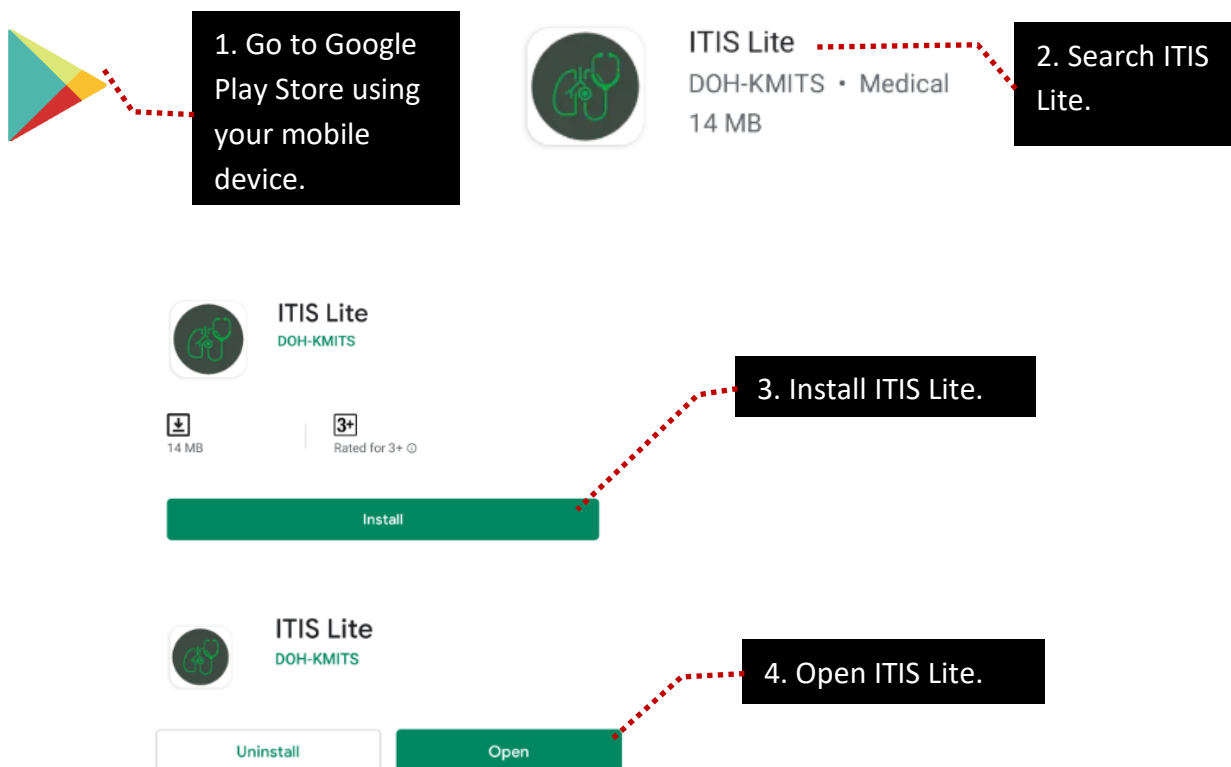A mobile phone or tablet that runs in Android Operating System.

C. ANDROID VERSION

The smartphone should have an operating system of Android 7 – Nougat to latest version.

D. INTERNAL STORAGE

The device should have a minimum of 16GB internal storage.

ITIS Lite Mobile is currently available to android device. Availability of the application for the IOS device to be announced.

II. INSTALLATION PROCESS

1. Go to Google Play Store using your mobile device.

ITIS Lite
DOH-KMITS · Medical
14 MB

2. Search ITIS Lite.

ITIS Lite
DOH-KMITS

14 MB — 3+ Rated for 3+ ⓘ

Install

3. Install ITIS Lite.

ITIS Lite
DOH-KMITS

Uninstall — Open

4. Open ITIS Lite.

You will be asked to agree in the 'Terms and Conditions' of the application. Tapping the button will direct you to the Registration Page (login page).
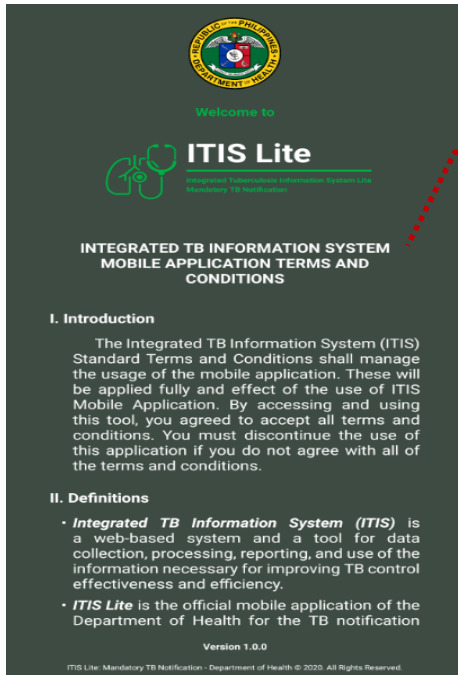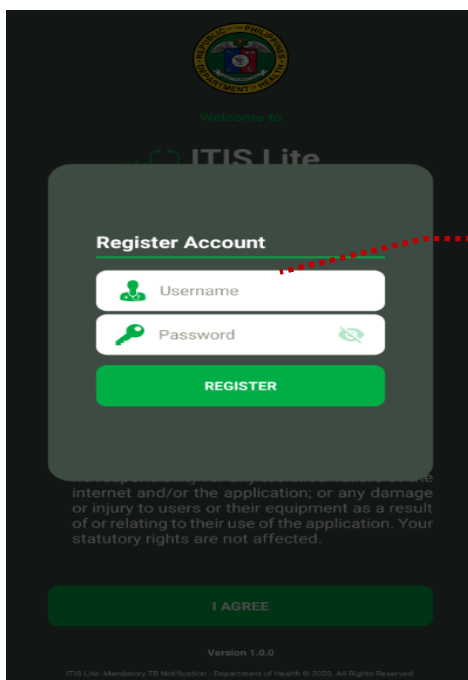

5. Read the ITIS Mobile Application Terms and Conditions.

6. Tap 'I Agree' if you wish to continue the installation.

Only users with an existing account in 'ITIS Lite Web' can register in the application. Seek assistance of KMITS for account management concern.

7. Key in your account details used in the ITIS Lite Web to be able to confirm your registration in the ITIS Lite Mobile.

8. Registration is successful. Tap continue to start notifying case.
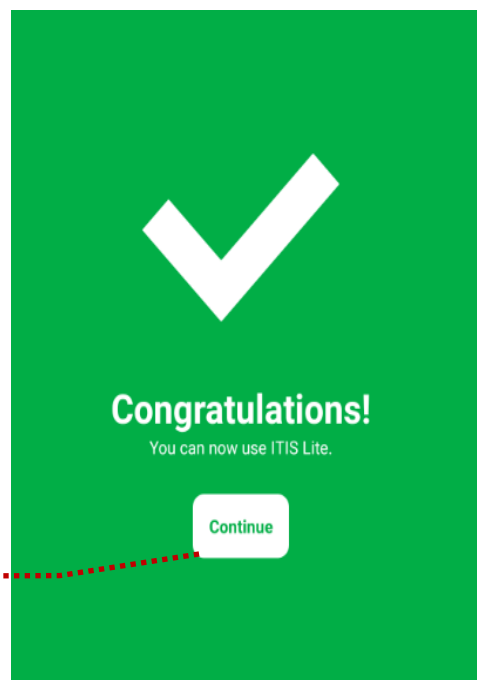
III. HOMEPAGE

Successful registration will direct you to the application's homepage. It shows the account's owner, the three major pages, the yearly summary of notified TB cases and the logout button.

This is the welcome banner that displays your name.

Use this button to exit the application.

The green color indicates that Home is the active page.

This tab directs you to the page where your information is displayed. Contact DOH-KMITS if update is needed.

This tab directs you to the page where the cases are added, viewed and updated.

DASHBOARD – displays the graphical presentation of notified TB cases.

Welcome

PHYSICIAN

Logout

Home | TB Notifications | User Profile

SUMMARY OF NOTIFIED TB CASES

- Total cases notified
- No. of notified cases under treatment of physician
- No. of cases with outcome under treatment of physician

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

MONTH	2020		
JAN	4	3	1
FEB	8	4	1
MAR	2	2	0
APR	0	0	0

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IV.   TB NOTIFICATIONS PAGE

This page displays the list of notified cases. The latest added case will be placed on top of the list.

This section shows the instructions to:

A. **Add New TB Notification** – to add new case

B. **View TB Notification** – a shortcut access to '**Update Notification**' and '**Update of Outcome**'

C. **Edit TB Notification** – to edit patient's information

D. **Search Patient** – to search specific case for edit or update
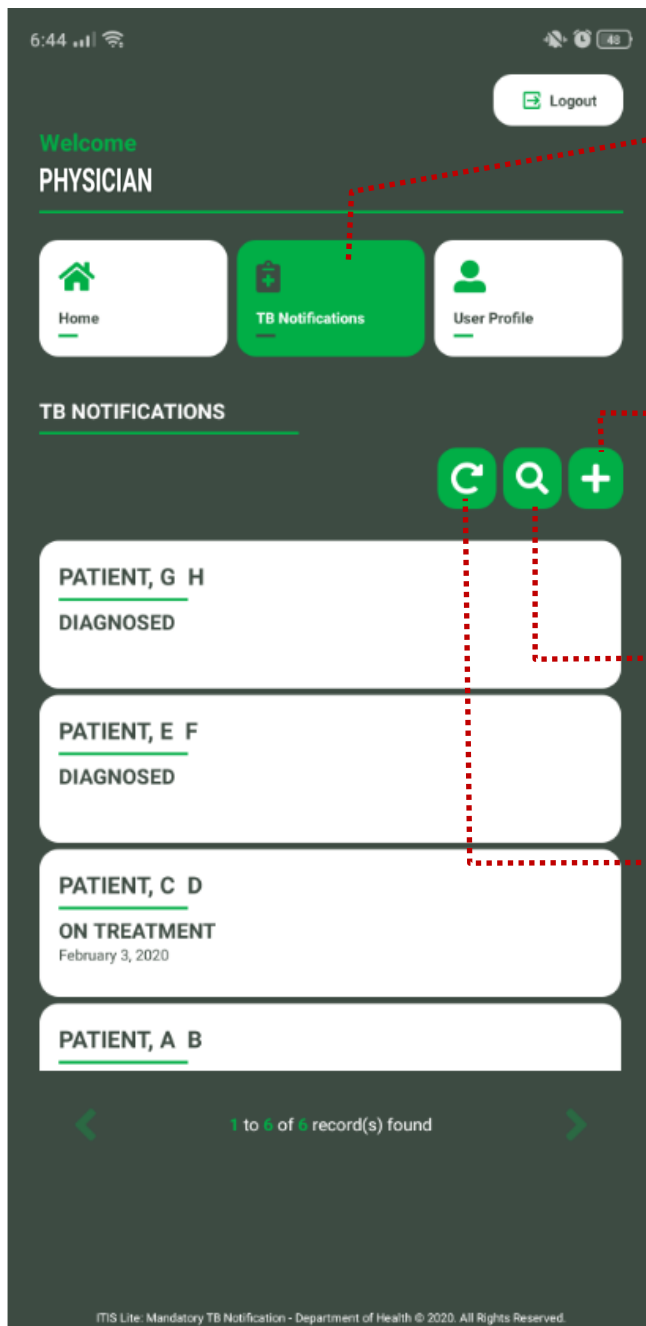
The green color indicates that TB Notifications is the active page. All notifications added will display on this page.
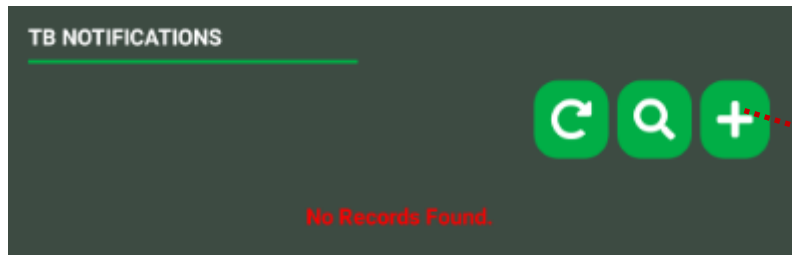
ADD TB NOTIFICATION – use this button to notify a case.

SEARCH – use this button to locate specific patient.

REFRESH – use this button to go back to the list of actual patient after a search activity.

A. ADD NEW TB NOTIFICATION

1. Tap this button to add new TB notification.

2. Fill in all required information being asked. An asterisk symbol means required.

3. Tap this button to submit TB notification.

Add New TB Notification

Name of Reporting Physician/Health Provider:
TEST USER

Name of Facility (Clinic, Hospital, Laboratory, etc.)
CITY CLINIC

Last Name
Test

First Name
Patient

Middle Name
TB

Name Extension

Sex
Male

Birth Date
February 1, 1979

Date Diagnosed
March 1, 2019

Age
40

Address (House/Bldg. No., Street, Subdivision)
Test St.

Address (Region, Province, City/Municipality and Barangay)
ILOCOS REGION (REGION I), ILOCOS NORTE, ADAMS , ADAMS (POB.)
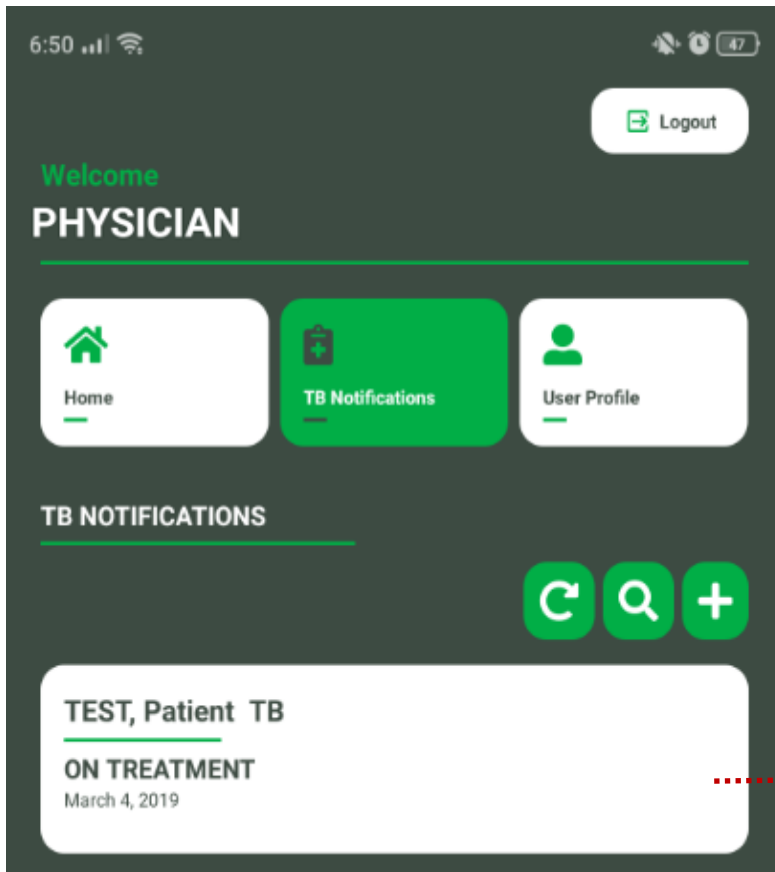
Contact Number

Back

Save

This page will display after submission of notification for review of entered information prior final saving to database.

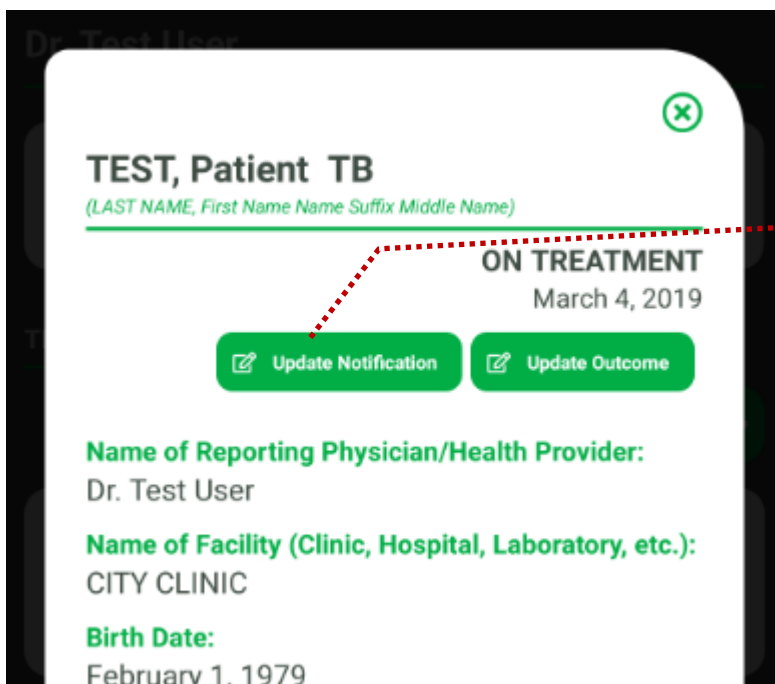Use this button if entered data need correction.

4. Tap this button to proceed saving of the added TB notification.
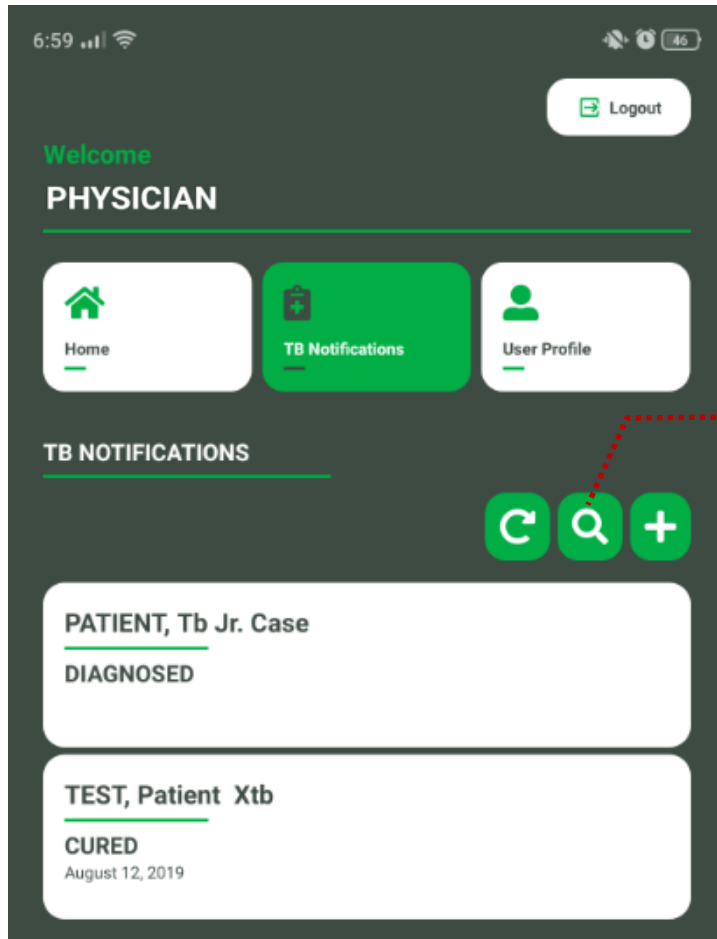
B. VIEW AND EDIT TB NOTIFICATION

1. Tap the patient's name to view or to edit the patient's data.

2. Tap this button to edit information of patient as needed.

C. SEARCH PATIENT

1. Tap this button to easily locate patient for viewing or updating information.

2. Fill in at least one of the information being asked. The app will locate based on the exact information provided.

3. Tap this button to start searching for patient.

V.   UPDATE OUTCOME

It shows the 'On Treatment' status which means that the patient is currently on treatment.

1. Tap this button to update the patient's treatment outcome.

2. Select the appropriate treatment outcome of the patient.

3. Update the date. It can be entered manually or by using the calendar.

4. Tap this button to save.
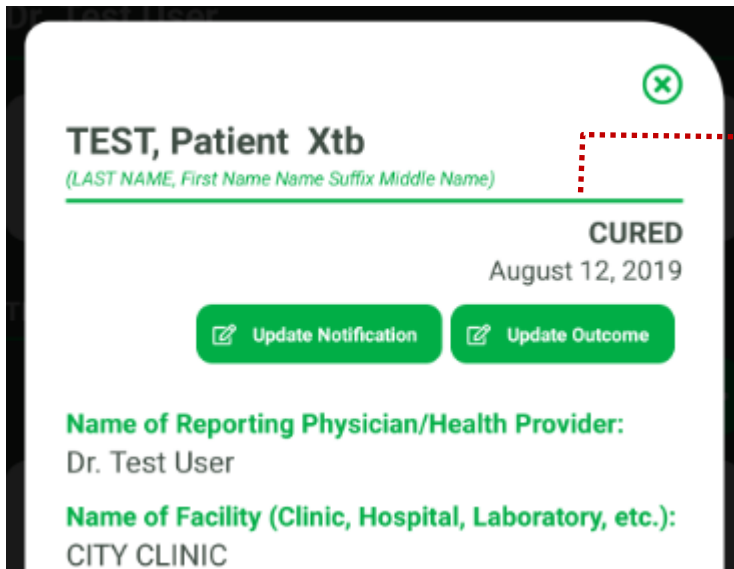
The changes will reflect here once the status of treatment outcome of the patient is updated.

Repeat the same steps if correction is needed.

VI.   USER PROFILE

This page displays the information such as your Name and Other Affiliated Facilities. Your name can be updated for correction by contacting the DOH-KMITS while your affiliated facilities can be managed by accessing the ITIS Lite Web.

The green color indicates that User Profile is the active page.

VII. USING THE CALENDAR

The default set of the calendar is the current time.

1. Set the year as needed by tapping the year to provide the scroll from current to previous year. Scroll down to display previous year.
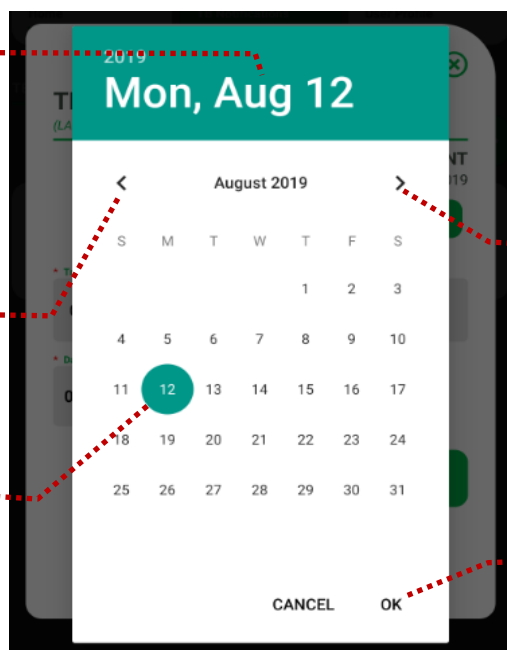
Green color means that this is the selected year.

2. Tap this button to set selected year.

3. Set the month by tapping the left and right arrow.

Right Arrow – means going forward to succeeding months of the year.

Left Arrow – means going backward to previous months of the year.

4. Select specific day. The highlighted number means that this is the selected day.

5. Tap this button to set selected month and day.

VIII. OFFLINE NOTIFICATION OF TB CASES

The application can be used even if the device is offline. The features, functionalities and process of reporting are the same as online.

Note that all encoded cases will only be saved on the device. It means that all cases encoded while the device is offline are not yet synchronized to the online database of ITIS Lite.

The device should be connected to the internet in order to sync and officially report the offline encoded cases to the DOH.
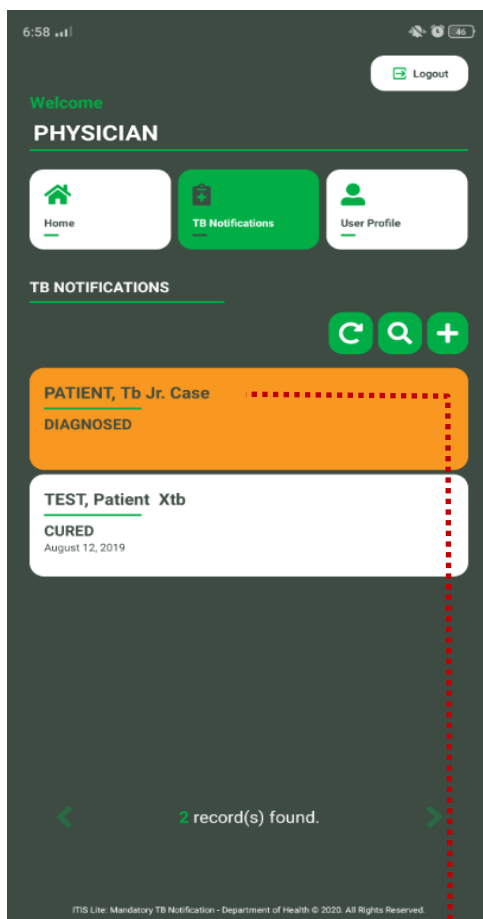
The orange box signifies that the case is encoded while the device is offline. The color will be changed to 'White' once it is already in-sync with the ITIS Lite online database.
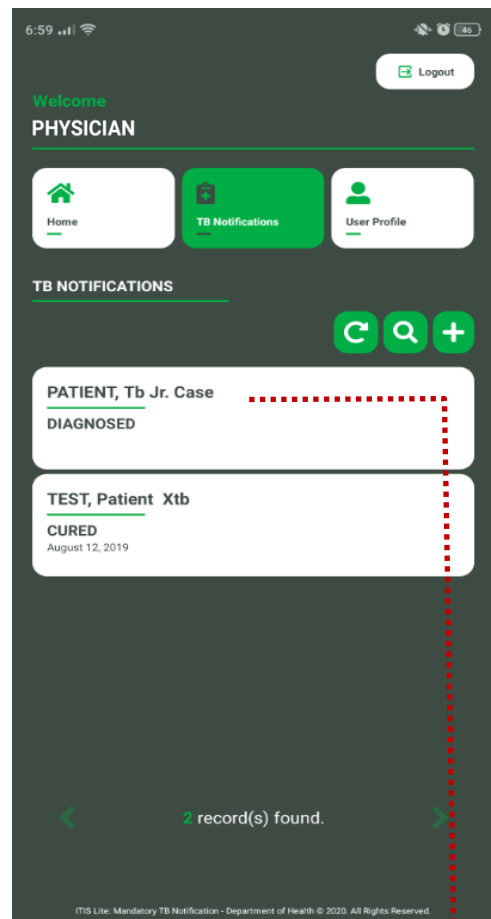
When the device is connected to internet, the background color becomes white which means that the synchronization of data is successful.

IX.   LIMITATIONS OF THE ITIS LITE MOBILE

ITIS Lite Mobile has the following limitations:

- **Account Management such as:**
  - o **Password Change** – customizing your password
  - o **Addition and deactivation of Affiliated Facility** – updating your facility affiliation
- **Notify 'Zero Reporting'** – notifying a 'zero case' for a specific month

The above functions are available in ITIS Lite Web but soon to be released in the coming version updates of the ITIS Lite Mobile.

X.   SECURITY FEATURES

- **Data encryption** – All data saved in the application are encrypted. Only authorized users can login to see the patients' information.
- **User Authentication** – Only users with existing account in ITIS Lite Web can use the application. A valid credential (username and password) is required during installation to authenticate the use of the application and the user's mobile device.
- **Mobile Unique Code** – The details of mobile device with successful user registration are saved in the server. The administrator can blacklist a mobile device and deactivate the user's account in case of unauthorized usage.
- **Session Timeout** – Users will automatically be logged-out if no activity is detected within the application for 15 minutes.

XI.   USER RESPONSIBILITIES

- Review your account information. Report immediately erroneous details for update and correction of the administrator.
- Do not share your account information to anyone.
- Ensure that your account is safe for unauthorized use by regularly change the password.
- Report any application's abnormal behavior such as bugs and error to the DOH-KMITS.
- Ensure that all information encoded in the application is correct and validated.

XII. CONTACT TECHNICAL SUPPORT

For issues, concerns and feedback relative to the use of the application, contact **DOH-KMITS** from **Monday**s to **Fridays 08:00** am to **05:00 pm**.

dohtbmandatory@gmail.com / integtbis@gmail.com

(02) 8651-7800 local 1941

0949.993.3489 (SMART) / 0917.815.0469 (GLOBE)