

PUNJAB ANTI-DENGUE APP

USER MANUAL



PUNJAB INFORMATION TECHNOLOGY BOARD

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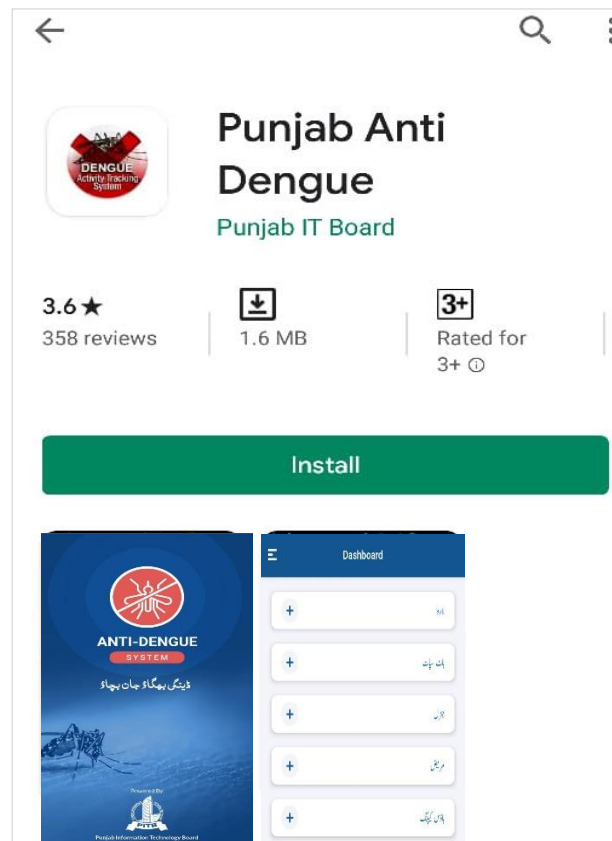
This manual is for users who have been designated to perform different types of anti-dengue activities on daily basis.

1. PREREQUISITES FOR A SURVEILLANCE ACTIVITY

- Enable GPS/Location on Android Phone
- Use Updated Version of Anti-Dengue Application
- GPS should be activated, so that activity can be mapped on Google Maps in the system accurately
- Internet availability is necessary to fetch hotspots and to upload activities
- User is registered with PITB Dengue Dashboard

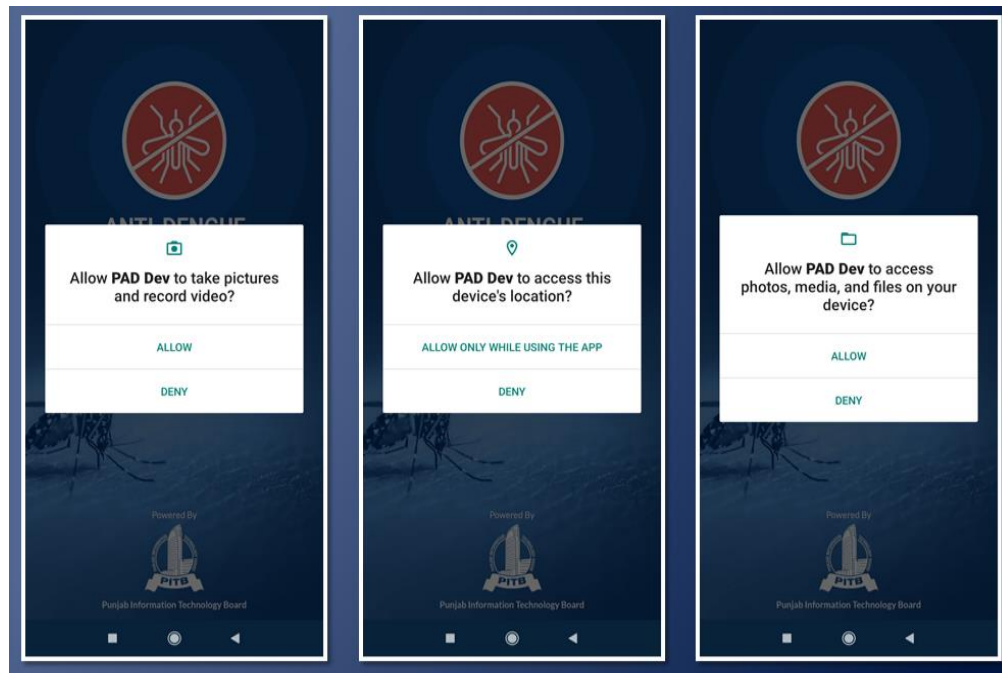
2. DOWNLOAD APPLICATION FROM GOOGLE PLAYSTORE

Open Google Play Store from an Android handset and search for Punjab Anti-Dengue Application. Select the Application and install it.



3. ANTI-DENGUE APPLICATION

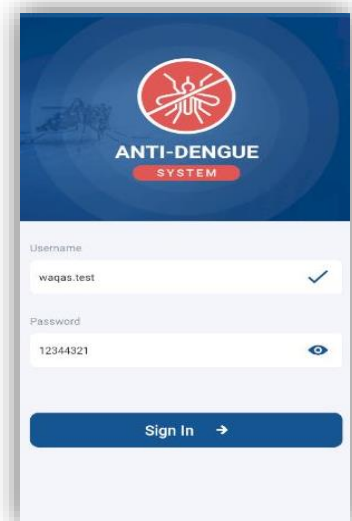
- Click on Application Icon
- User will see prompt messages where user needs to click on Allow option as shown in figure below.




4. ENTER THE PROVIDED LOGIN CREDENTIALS

After allowing all the prompt messages, users will be able to see the login screen of anti-dengue application where they have to enter the provided login credentials.

Username is *Case Sensitive*, so users need to enter all the alphabets in small letters without any space.



5. OVERVIEW OF THE APPLICATION

By clicking on  users will be able to view main features of the app as follow;

- Dashboard
- Sync
- My Activities
- Profile
- Log Out



5.1 Main Menu

5.1.1 Dashboard

Dashboard has five main categories which are further sub-divided into different sub-categories as mentioned below. Click on the plus sign to expand each category as mentioned below;

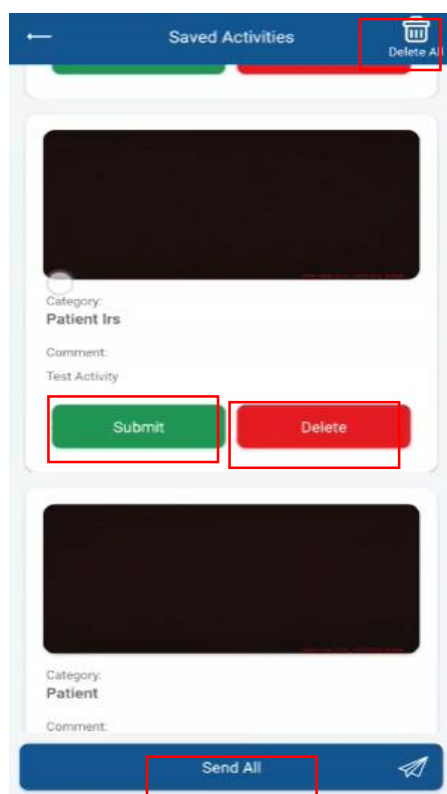
- Larva
- Hotspot
- General
- Patient
- House keeping

5.1.2 Sync

By clicking on *Sync*, application will extract the registered hotspot record from Anti-dengue system.

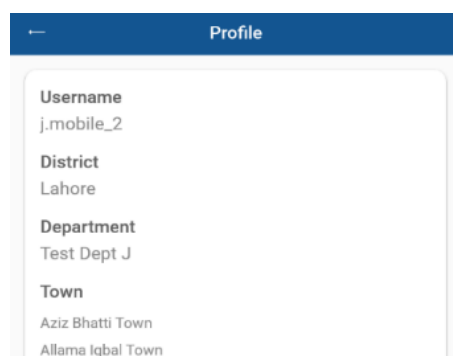
5.1.3 My Activities

Saved activities can be submitted collectively by clicking on *send all* button and individually by clicking on *submit* button from *My Activities* tab in main menu. *Delete* button helps to delete a particular activity and *delete all* buttons helps to delete all saved activities.



5.1.4 Profile

Users can view their profile from this option. It will show their username, district, department and town.

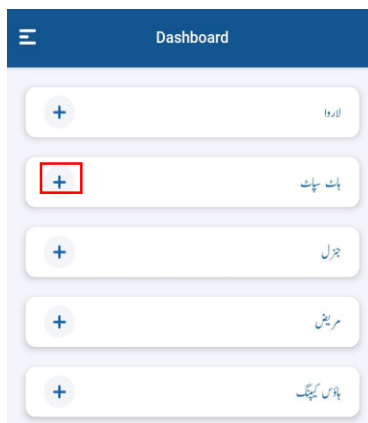


5.1.5 Logout

By clicking on *Logout*, specific user can logout from its login.

5.2 Select the Category

Users can select the required category from dashboard to perform activities. Detail of each category is below;



5.2.1 Larva Category

Users will see the tags assigned to them as per the SOPs and department responsibilities.

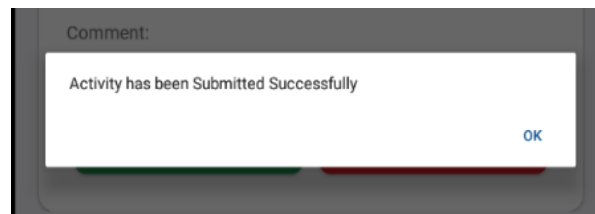


All tags in Larva, have almost same information except one or two fields. For instance, on the right, *Larviciding* screen can be viewed that includes option to:

- Enter pictures before and after performing an activity (Activity will not be saved without adding pictures)
- View default district name
- Select town from drop down menu
- Select larva found and dengue larva in case larva found is yes, comment section and submit/save option.

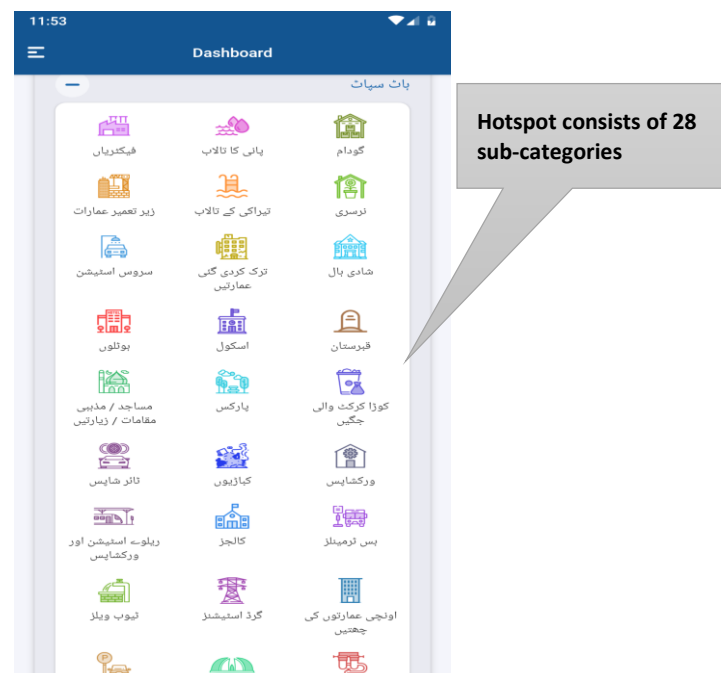
By clicking on *submit* button, activity will be submitted in the system and by clicking on *save* button, activity will be saved in the app and can be submitted later from *My Activities* tab in main menu.

When an activity is successfully submitted, a message will appear as shown in image on the right.



5.2.2 Hotspot Category

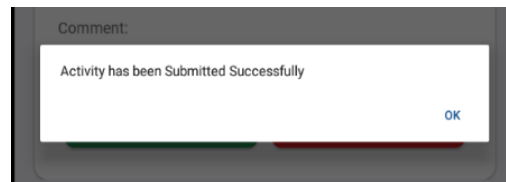
Users will see the hotspots assigned to them.



All tags in Hotspot, have same options to enter information. For instance, on the right, *Water Ponding* screen can be viewed that includes option to:

- Enter pictures before and after performing activity (Activity will not be saved without adding pictures),
- View default district name,
- Select town from drop down menu
- Select hotspot from dropdown
- Select larva found (Yes/no).
- Select larvae type (Positive, negative, repeat) in case larvae found is yes
- Comment section
- Submit/save option. By clicking on *submit* button, activity will be submitted in the system and by clicking on *save* button, activity will be saved in the app and can be submitted later from *My Activities* tab.

When an activity is successfully submitted, a message will appear as shown in image on the right.



5.2.3 General Category

Users will see the tags assigned to them.



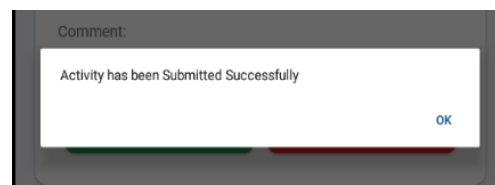
General category consists of 7 sub-categories

- Taps
- Mowing
- Garbage
- Water Ponding
- Awareness
- Still Water

All tags in General, have same options to enter information. For instance, on the right, *Damaged Tap* screen can be viewed that includes option to:

- Enter pictures before and after performing activity (Activity will not be saved without adding pictures)
- View default district name
- Select town from drop down menu
- Select indoor/outdoor activity type
- Comment section
- Submit/save option. By clicking on *submit* button, activity will be submitted in the system and by clicking on *save* button, activity will be saved in the app and can be submitted later from *My Activities* tab.

When an activity is successfully submitted, a message will appear as shown in image on the right.



5.2.3 Mareez Category

Users will see two options in this category as mentioned in image below;

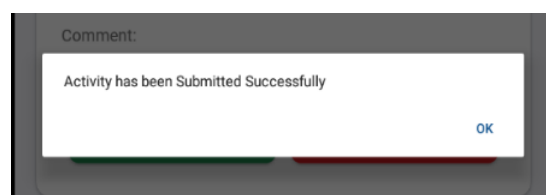


5.2.3.1 Mareez Sub-Tab

Confirmed patients from patient portal will reflect in Mareez sub-tab. Here users can tag patients by simply clicking on a specific patient after adding town or ID in search tab against workplace, residence and permanent.

After clicking on a specific patient, a screen appears as on the right that includes option to

- Enter picture (Activity will not be saved without adding picture)
- View default district and town
- Select necessary information from checkboxes
- Enter comment
- Submit/save option. By clicking on *submit* button, activity will be submitted in the system and by clicking on *save* button, activity will be saved in the app and can be submitted later from *My Activities* tab. When an activity is successfully submitted, a message will appear.



5.2.3.2 Mareez Spray Sub-Tab

After tagging has been done, activity can be performed against these patients from *Patient spray* sub-tab by simply clicking on a specific patient after adding town or ID in search tab.

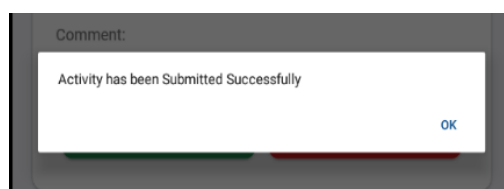
49 times activity will be performed against each patient in each category, residence, workplace and permanent (If address is same in workplace, residence and permanent then it will be one-time activity otherwise activity needs to be done against each option for 49 times) then patient will be disabled from the listing and record of each activity appears in patient portal *activity* listing.

The screenshot shows the 'Patient Irs' form with three tabs: 'Workplace', 'Residence', and 'Permanent'. The 'Residence' tab is selected. Below the tabs is a 'Town:' dropdown menu with a search bar 'Search patient by ID/Name'. The patient details are displayed below: Patient ID: 163, Name: abbas, Contact No.: 03243243243 (03242342342), CNIC: 63322-2231231-3 (Son), Houses Tagged: 0, and Address: H#90, Sector B, Askari-11.

After clicking on a specific patient, below screen appears that includes option to:

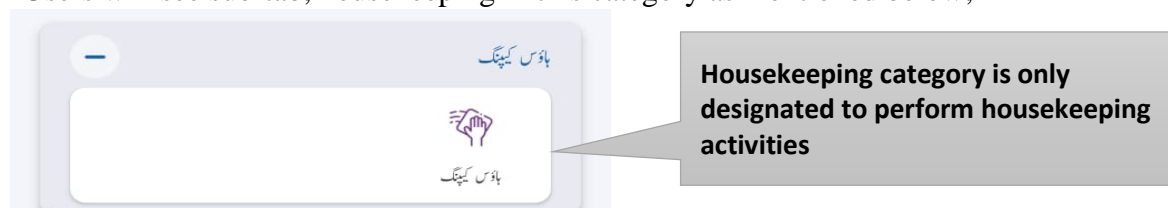
- Enter picture (Activity will not be saved without adding picture)
- View default district and town,
- Select necessary information from checkboxes
- Enter comment
- Submit/save option. By clicking on *submit* button, activity will be submitted in the system and by clicking on *save* button, activity will be saved in the app and can be submitted later from My Activities. When an activity is successfully submitted, a message will appear.

The screenshot shows the 'Patient Irs' form with a 'Capture' button for taking a picture. Below this is a 'District: Lahore' section with a 'Town:' dropdown menu showing 'Allama Iqbal Town'. There are two checkboxes: 'Awareness' and 'Elimination of any bleeding spot'. Below these is a 'Comment' text area. At the bottom are 'SUBMIT' and 'SAVE' buttons.



5.2.5 House Keeping Category

Users will see sub-tab, housekeeping in this category as mentioned below;



Below is the screen for *Housekeeping* that includes option to:

- Enter picture of performing activity (Activity will not be saved without adding picture)
- Select checkboxes of necessary information
- View comment section
- Submit/save option. By clicking on *submit* button, activity will be submitted in the system and by clicking on *save* button, activity will be saved in the app and can be submitted later from *My Activities* Tab. When an activity is successfully submitted, a message will appear.

6. IMPORTANT INSTRUCTIONS

There are some key instructions which all users have to follow;

- It is compulsory to fill all the fields during performing any type of activity.
- It is mandatory to capture before/after picture otherwise application will not allow the user to submit the activity.
- Users have to ensure that the location of their cell phones are on **HIGH ACCURACY** mode otherwise application can create location errors.