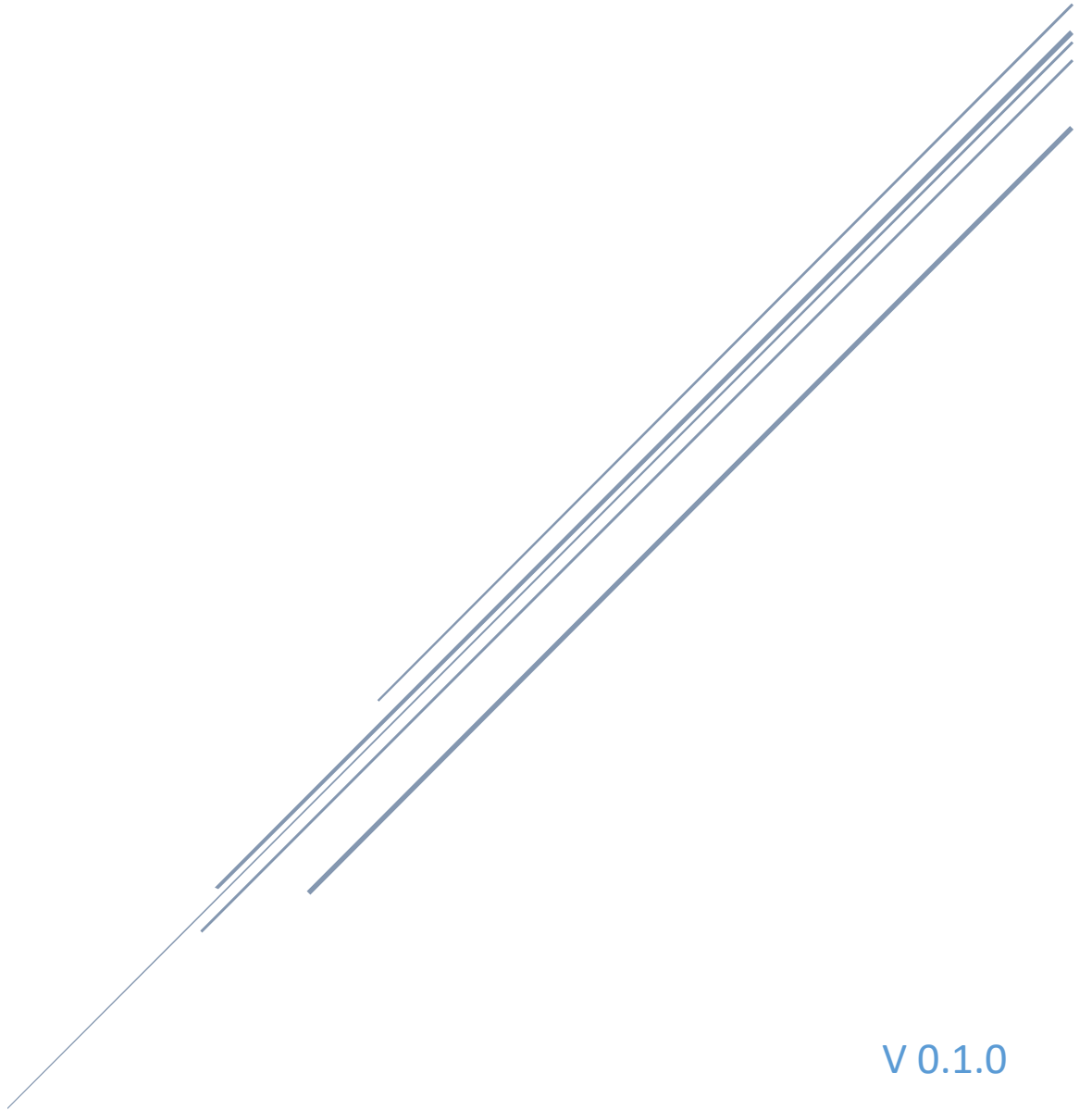


CDOT USER MANUAL

Android Part



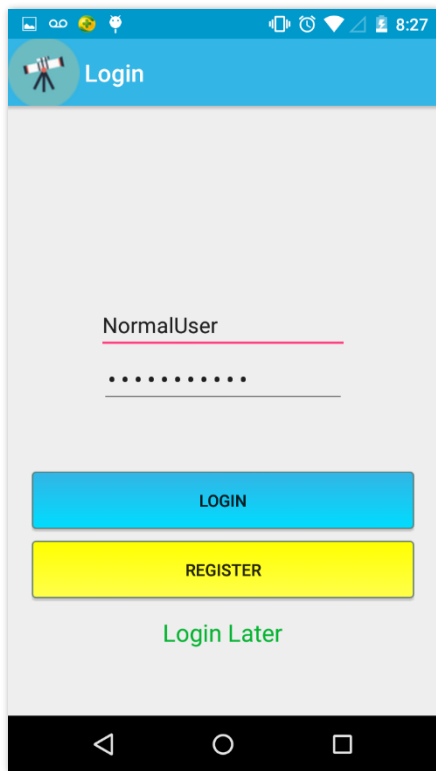
V 0.1.0

2016.04.09

Contents

Login.....	2
Register	3
Newest Observations.....	4
User Profile	6
Reset Password	7
Observation History	8
Upload Observation	9
Search Observation.....	10
Observation Detail	11
Delete Observation	13

Login



A mobile application login screen. At the top is a blue header bar with a circular icon containing a red and white flag on a black pole, followed by the word "Login" in white. Below the header is a light gray background. In the center, there is a text input field containing "NormalUser" with a pink underline, and a password input field with black dots and a black underline. Below these fields are two buttons: a blue "LOGIN" button and a yellow "REGISTER" button. At the bottom of the gray area is a green "Login Later" link. The entire screen is framed by a black Android-style navigation bar at the bottom with back, home, and recent apps icons. The top status bar shows various icons and the time 8:27.

Login

This is the first screen you see when you first time use the app. You can login with your user name and password. You just need to login once and would be automatically login next time. If you don't have an account, you can click register button to request an account.

You could also choose login later to go to use our search function.

Register

The image displays two sequential screenshots of a mobile application's registration screen. Both screens feature a light gray background and a blue header bar at the top. The top screenshot shows the registration form with the username 'Kent' and email 'kent@gmail.com'. Below the email field, there is a checkbox with a red checkmark and the text 'By clicking the button below, I agree to the [Term of Use](#)'. A blue 'REGISTER' button is positioned at the bottom of the form. The bottom screenshot shows the same form with the username 'kentlee' and email 'kentlee@gmail.com'. Below the email field, there is a checkbox with a red checkmark and the text 'By clicking the button below, I agree to the [Term of Use](#)'. Below the checkbox, there is a message: 'Your registration request is sent, please wait for administrator's approval. An activation email with your initial password would be sent to your email after approval.' A blue 'REGISTER' button is positioned at the bottom of the form. Both screenshots show a status bar at the top with various icons and the time 8:29 and 8:36 respectively.

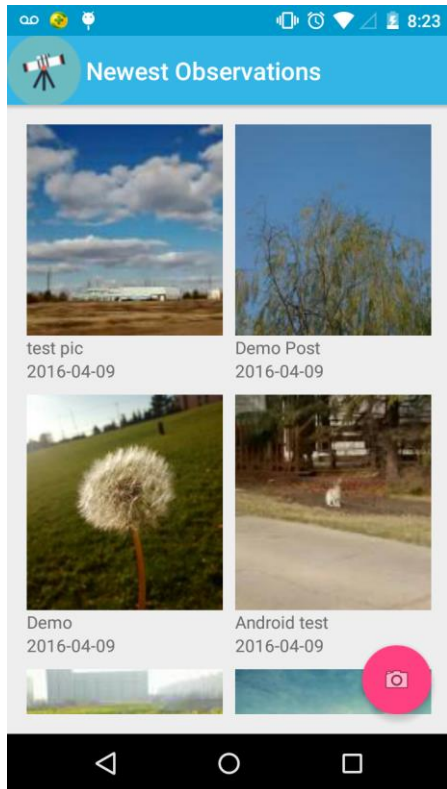
Register

Users can enter the user name and the email they want to register with to send a request.

The request is approved by administrator so it may take a while to process your request.

If the user name or email is already used by others, you need to use another one. If successfully register, you would see a message like the one in the second screen shot.

Newest Observations

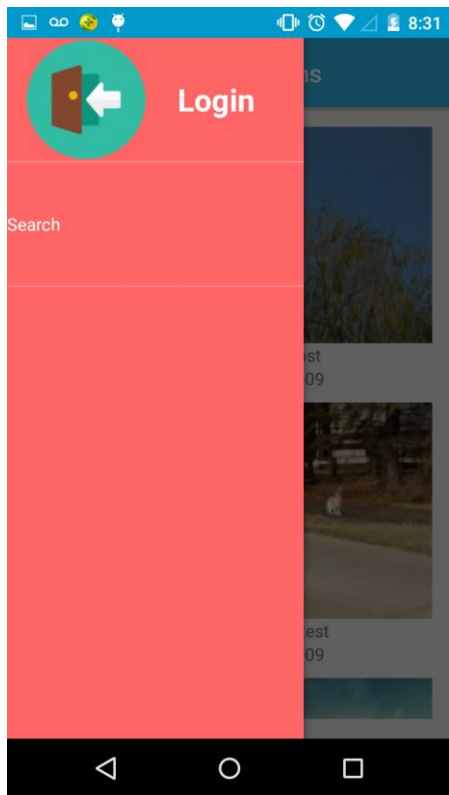


Newest Observations

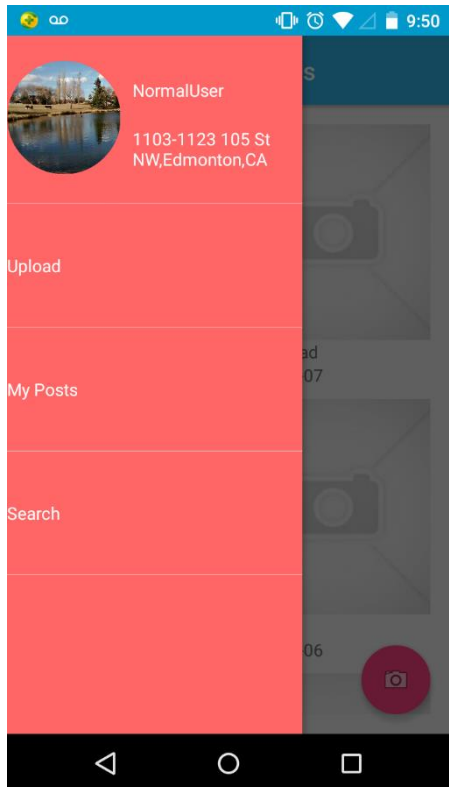
This is the default screen if user already login, or user could choose login later to come to view the newest observations uploaded.

User could click in any of the post to view the detail of the posts.

Unauthorized User:



Authorized User:

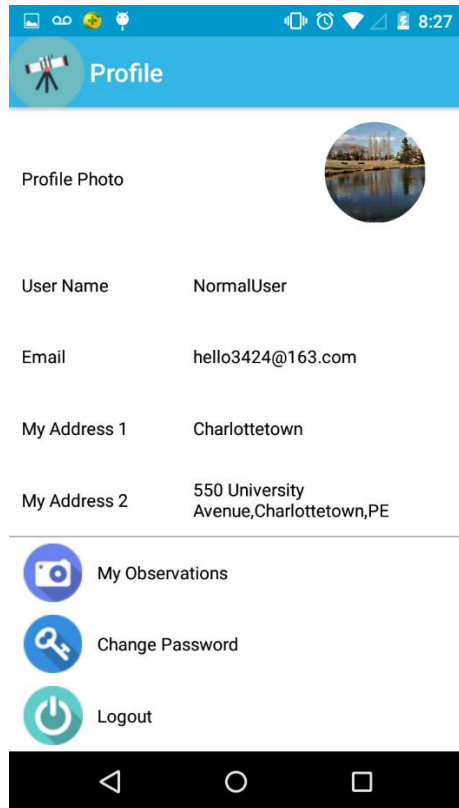


User could click the app icon on the top left corner or swipe to right from the left edge of screen to show the sliding menu. The sliding menu provides several entries to other activity.

The items are different for authorized and unauthorized users.

User could also click the red floating button on the bottom right corner to upload observations.

User Profile



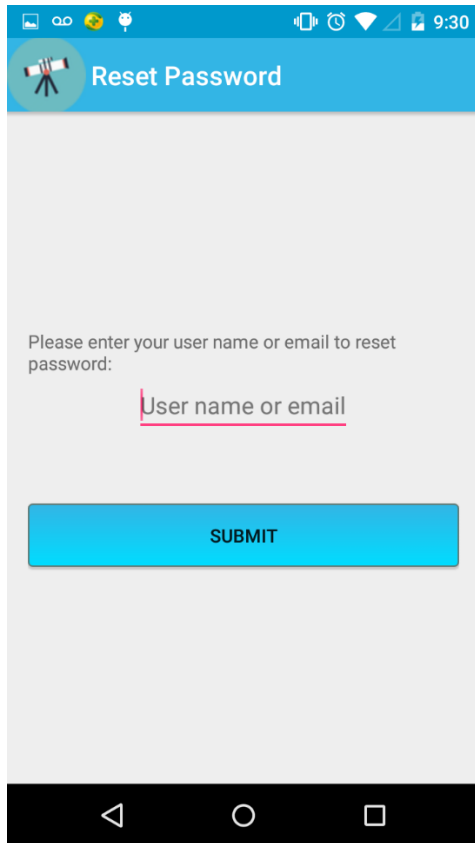
User Profile

User could go to view and edit user profile from the entry in sliding menu.

User could click the profile image to upload a new image. User could also edit user name and address 1, 2. But user could not change email.

User could also logout, change password and go to view observation history by clicking "My Observations".

Reset Password

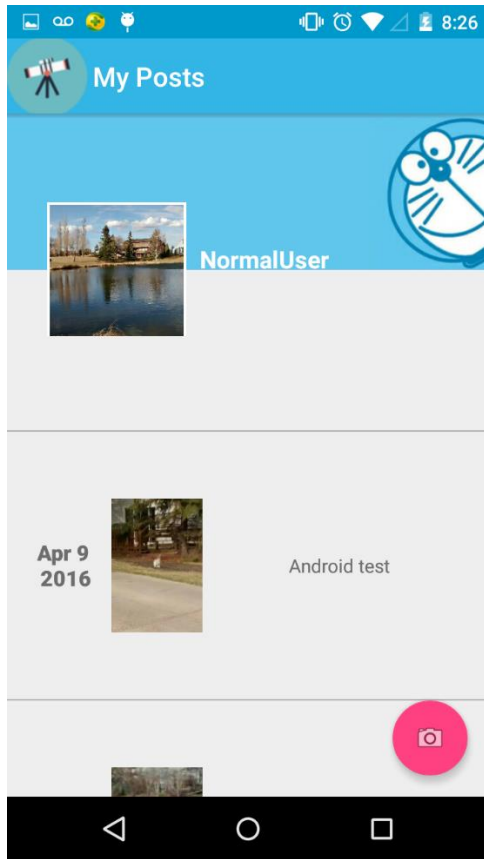


A mobile application mockup for a 'Reset Password' screen. The screen has a light gray background. At the top, there is a blue header bar with a circular icon containing a red and white striped flag on a black stand, followed by the text 'Reset Password'. Below the header, the text 'Please enter your user name or email to reset password:' is displayed. Underneath this text is a text input field with a pink border and the placeholder text 'User name or email'. Below the input field is a blue rectangular button with the word 'SUBMIT' in white capital letters. At the very bottom of the screen is a black navigation bar with three white icons: a triangle, a circle, and a square.

Reset Password

User could send a request to reset password here. User would receive an email with the reset password link in it.

Observation History



My Posts

User could view observation history here. Click one of the items to view observation in detail.

Upload Observation

This screenshot shows the 'Upload' screen of the app. The header is blue with a telescope icon and the word 'Upload'. Below the header, there are five sections, each with a label and an input field:

- Record:** Labeled 'Record' in blue, with a text input field containing the placeholder 'Enter a record name'.
- Name:** Labeled 'Name' in blue, with a text input field containing the placeholder 'Write a name here...'.
- Picture&Description:** Labeled 'Picture&Description' in blue, with a square image placeholder (showing a cat) and a text input field containing the placeholder 'Write a description here...'.
- Date & Time:** Labeled 'Date & Time' in blue, with a date picker icon and the text 'Click to add date...'.
- Location:** Labeled 'Location' in blue, with a location pin icon and the text 'Add a location'.

At the bottom, there are two buttons: 'CANCEL' (grey) and 'SUBMIT' (green). The Android navigation bar is visible at the very bottom.

This screenshot shows the 'Upload' screen of the app with demo data entered into the fields:

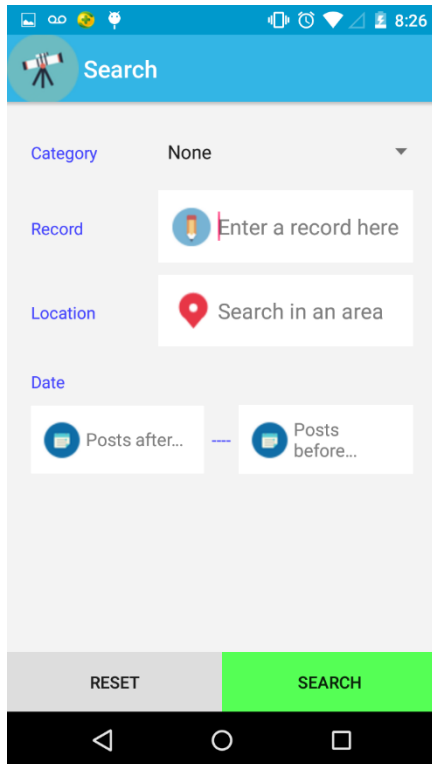
- Record:** Labeled 'Record' in blue, with a text input field containing 'Yellow Birch(306)'.
- Name:** Labeled 'Name' in blue, with a text input field containing 'DemoPost'.
- Picture&Description:** Labeled 'Picture&Description' in blue, with a square image placeholder (showing a lake scene) and a text input field containing 'This is a demo post'.
- Date & Time:** Labeled 'Date & Time' in blue, with a date picker icon and the text '2016-4-8'.
- Location:** Labeled 'Location' in blue, with a location pin icon and the text '550,University Ave,Charlottetown,Prince Edward Island,CA,C1A 4P3'.

At the bottom, there are two buttons: 'CANCEL' (grey) and 'SUBMIT' (green). The Android navigation bar is visible at the very bottom.

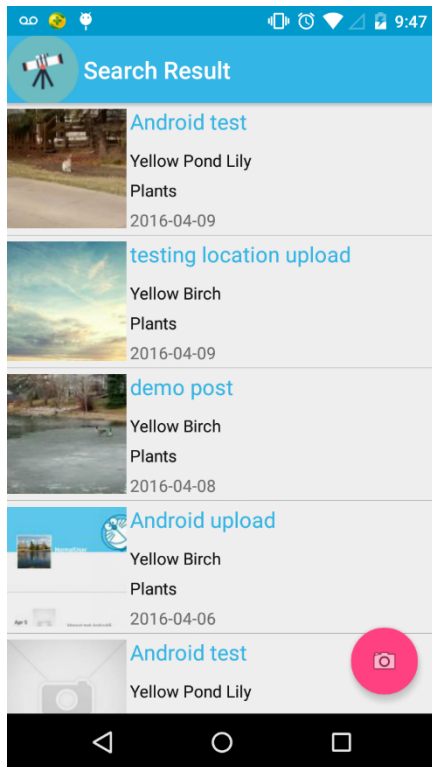
Upload Observation

User could upload observation information include record name, title, image, description, date and location.

Search Observation



The screenshot shows the 'Search' screen of an Android application. At the top is a blue header with a magnifying glass icon and the word 'Search'. Below the header, there are four search criteria sections: 'Category' with a dropdown menu set to 'None'; 'Record' with a text input field containing 'Enter a record here'; 'Location' with a location pin icon and a text input field containing 'Search in an area'; and 'Date' with two date pickers labeled 'Posts after...' and 'Posts before...'. At the bottom of the form are two buttons: a grey 'RESET' button and a green 'SEARCH' button. The Android navigation bar is visible at the very bottom.

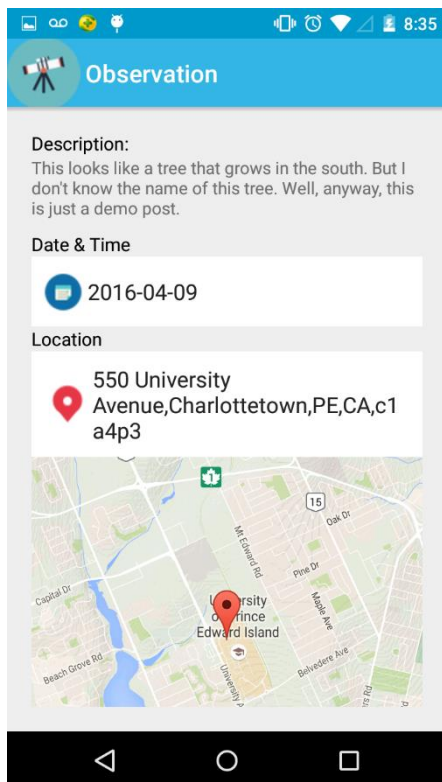
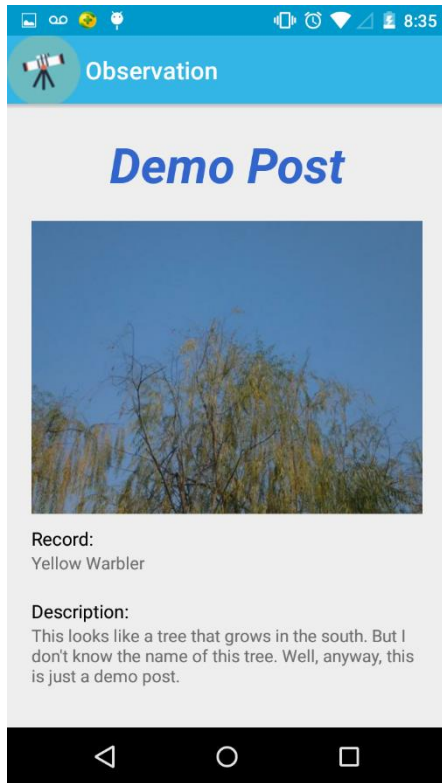


The screenshot shows the 'Search Result' screen of the same Android application. It has a blue header with a magnifying glass icon and the text 'Search Result'. Below the header is a list of five search results. Each result consists of a small thumbnail image, a title in blue text, and two lines of text: the plant name and the date. The results are: 1. 'Android test' (Yellow Pond Lily, 2016-04-09), 2. 'testing location upload' (Yellow Birch, 2016-04-09), 3. 'demo post' (Yellow Birch, 2016-04-08), 4. 'Android upload' (Yellow Birch, 2016-04-06), and 5. 'Android test' (Yellow Pond Lily, 2016-04-06). A pink circular camera icon is visible in the bottom right corner of the screen. The Android navigation bar is at the bottom.

Search Observation

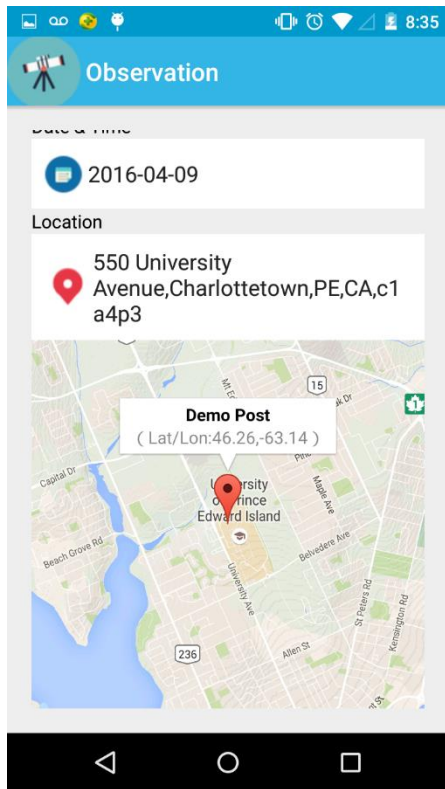
User could search observations by category, record name, the area with a user specified radius and a date range.

Observation Detail



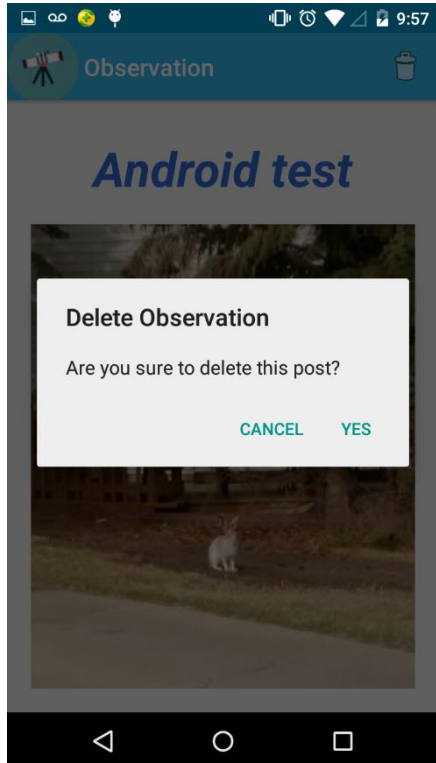
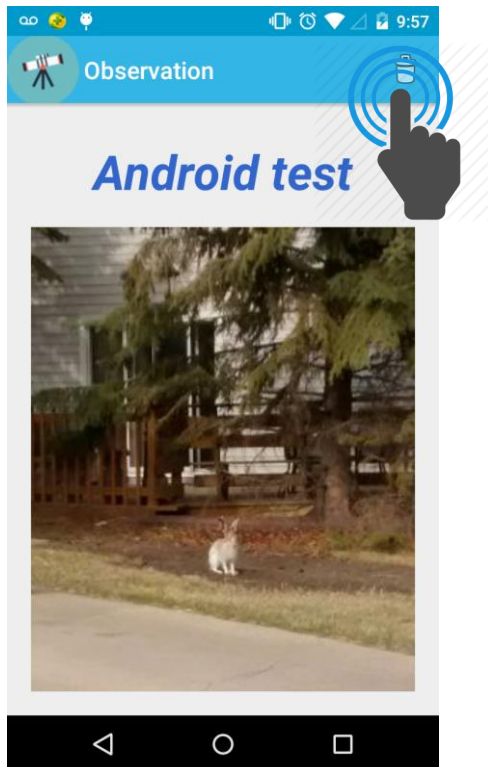
Observation Detail

User could view observation details include title, record name, description, date and location.



User could click on the marker on the map to see exact latitude and longitude of the location.

Delete Observation



Delete Observation

User could delete own observation by clicking the delete button on the top right corner.