

Screen Sketches

Team YT 3

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InTouch

Actors

1. Users
2. Moderators
3. Administrator

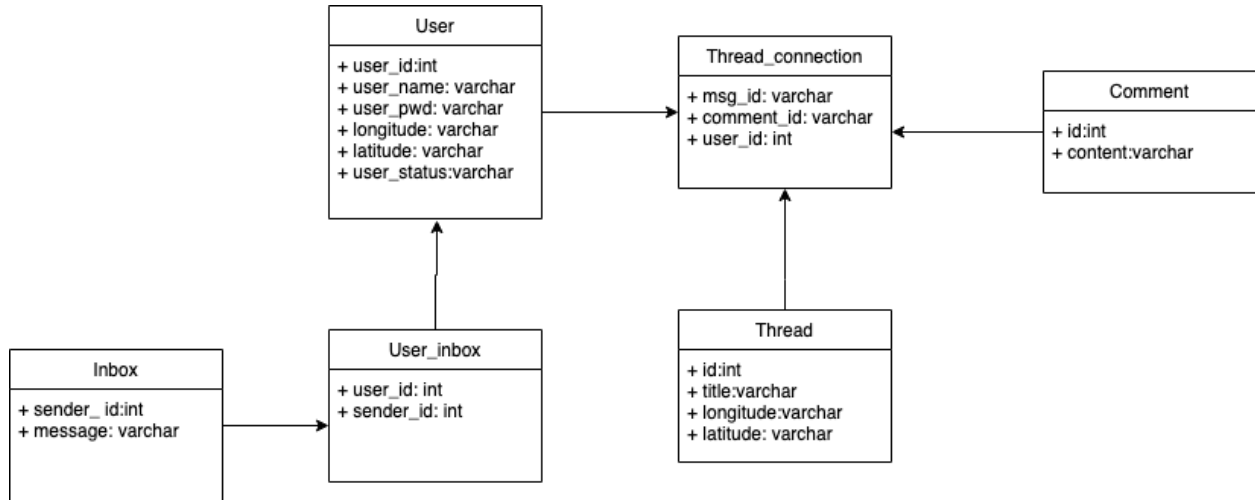
Functionality

1. Display map
Renders the surrounding map in accordance to the user's current coordinates.
2. Display message points on map
Messages posted are fixed to their coordinates and appears as message points on the map. Users within a fixed radius from any messages posted can see them
3. Display message thread titles
Upon opening a message point, the full list of thread titles is displayed.
4. Submit posts
Users can submit a new thread to start a new discussion or comment on an existing one.
5. Private messaging
Users can communicate with other users in private using a private messaging system.
6. Modify user settings
Users can make changes to their account settings and preferences.
7. Moderating tools
Provides an interface to display reported posts and messages to moderators and admins to act upon.
8. Administrating tools
Provides an interface to display statistical data on the application's usage and server status.

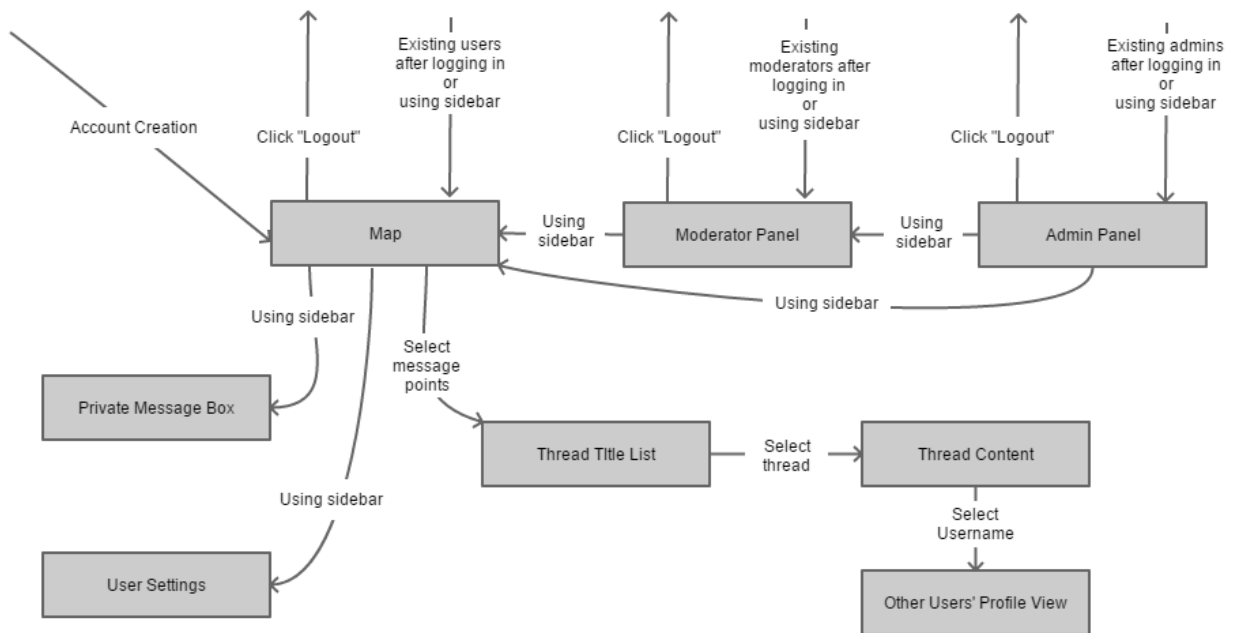
Non-functional requirements

1. Performance
 - Map and messages are updated on real-time.
2. Security
 - Message encryption between client and server.
 - User sessions is managed securely on server side.
 - User credentials is managed securely on server side.
3. Maintainability
 - Application development is divided into layers.
 - Well specified API between interacting code modules.

Tables and Fields



Screen Flow



Inbox Page

Guang Yi Lim



The inbox screen allows users to view and access conversations with other users. The view appears when the inbox button is pressed from the menu. The user is able to see the profile picture and name of their conversations(5). Furthermore, the most recent message in the conversation is displayed in the preview text(2).

The contact finder(3) allows users to find previous conversations. To reply to conversations, a user has to tap on the message box, which will lead them to a conversation screen where the conversation history will be shown. The user can return to the previous screen by tapping the back button(1).

Admin Page

Guang Yi Lim

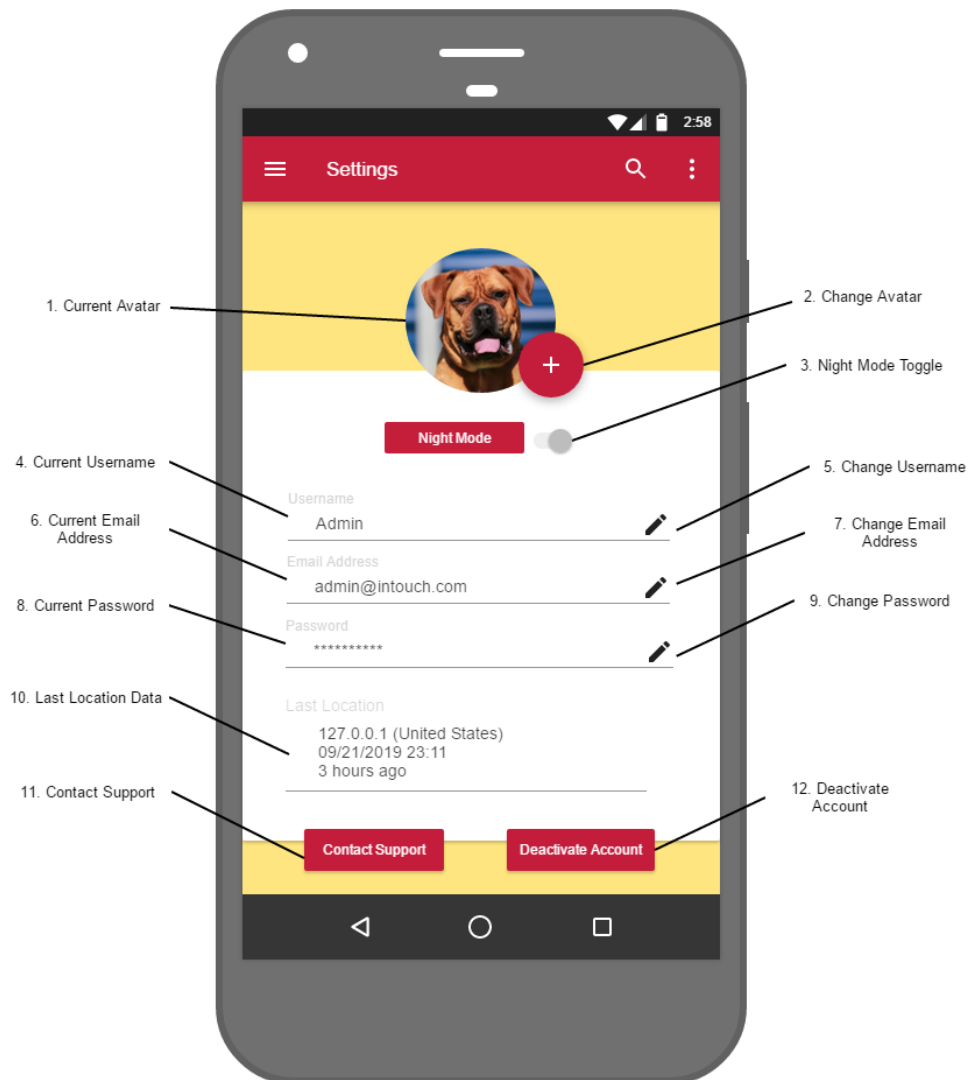


The admin page allows the admin to access and view admin functionalities. The back button(1) allows the admin to go back to the previous page. The server status(2) is shown on the page, with its color indicating its status.

The recent activity graph(3) shows the recent activity of the app. The admin can press the statistic analysis button(4) to go to a page with an in-depth analysis of the activities of the app. The assign moderator button(5) allows the admin to assign users as moderators.

User Settings Page

Yew Ken, Chai



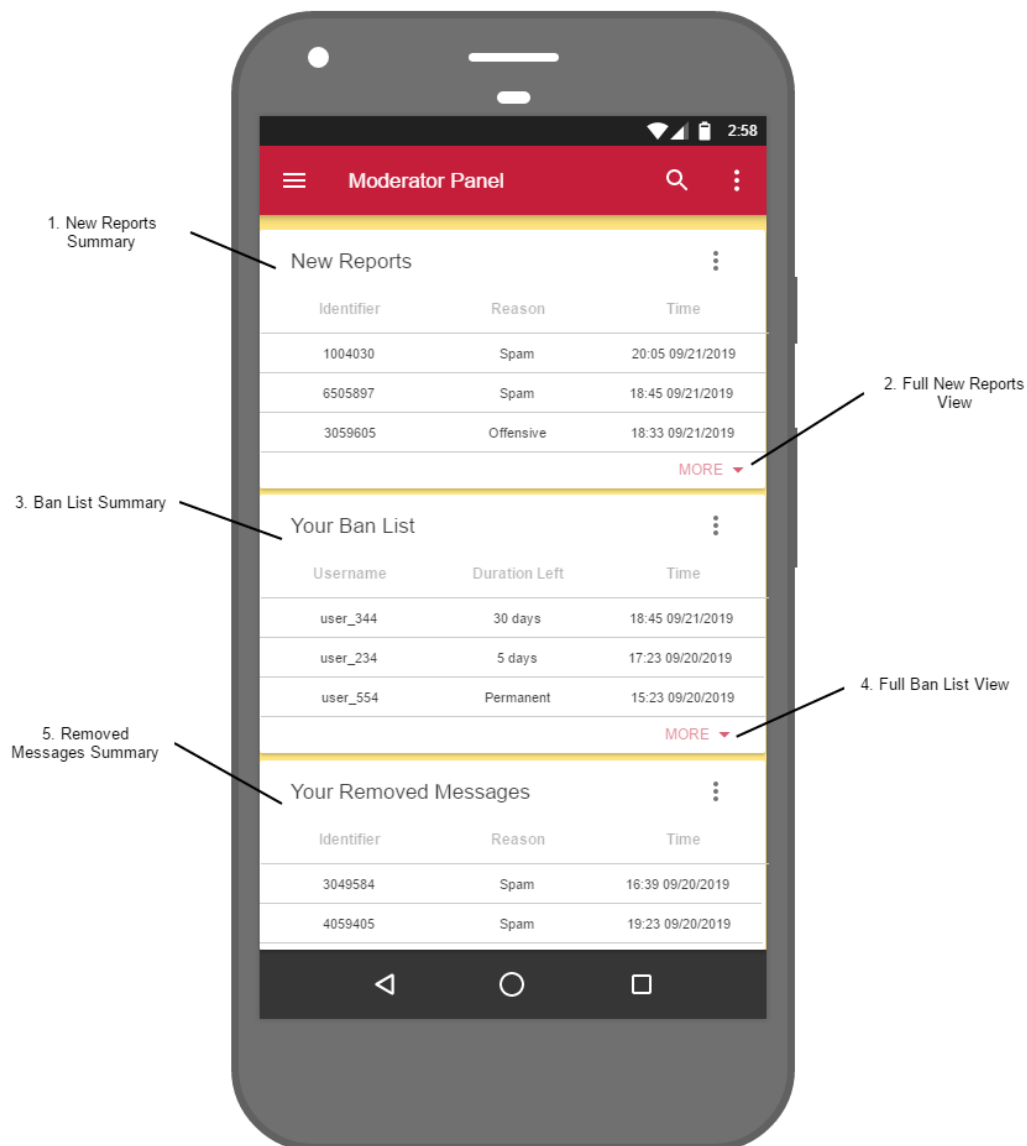
The settings page allows user to make modifications to their account settings and status. This settings page appears when the option is selected from the navigation sidebar. The current selected user avatar is displayed (1) and the user may change by clicking the button with a plus sign (2) on the bottom right of the current avatar.

The user may switch between night mode and day mode using a toggle provided (3). The current username is shown (4) with the option to change it (5). The current email address registered to the account is shown (6) with the option to change it (7). The current password is hidden using asterisk signs (8) and the option to change it (9) is provided.

In effort for account safety, information on the account's last login is shown (10). It shows the I.P. address with country of origin, date and time. A "Contact Support" button (11) is provided to the user to provide any feedback and inquiries. A "Deactivate Account" button (12) is provided to the user to temporarily deactivate the account whenever necessary.

Moderator Panel Page

Yew Ken, Chai

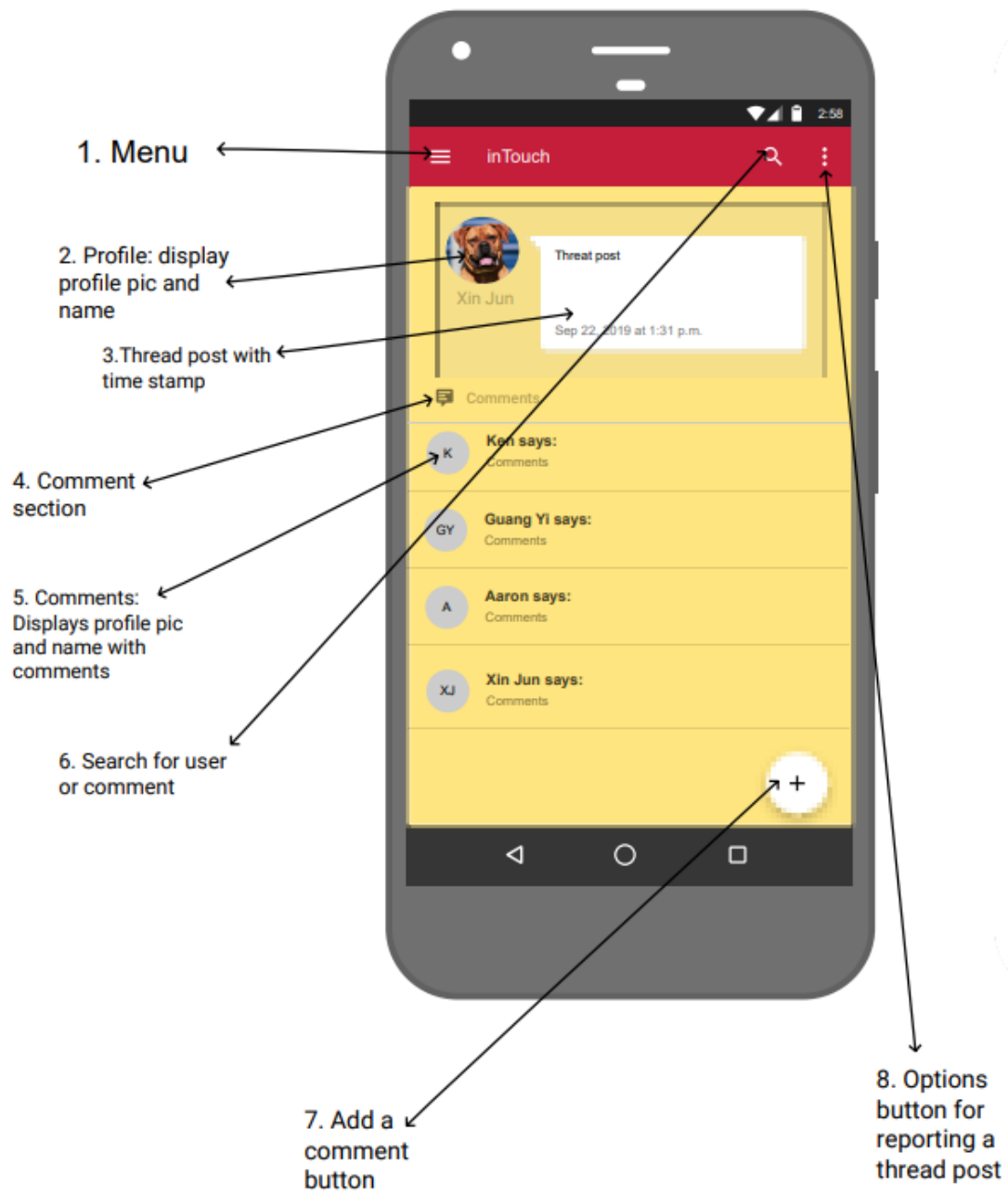


The moderator panel is a moderating interface provided to moderators and admins. This moderator panel page appears to moderators once logged into the application. Likewise, moderators and admins can access this page through the navigation sidebar.

The first table (1) provides a short summary of new reports. Moderators and admins can click on “MORE” (2) to view the full list of reports with full details. The second table (3) provides a short summary of the list of users banned by the account. Moderators and admins can click on “MORE” (4) to view the full list of banned users by the account with full details. The third table (5) provides a short summary of messages removed by the account. There is a “MORE” button provided at the bottom of the table that is visible after scrolling down. It provides full details about the banned messages.

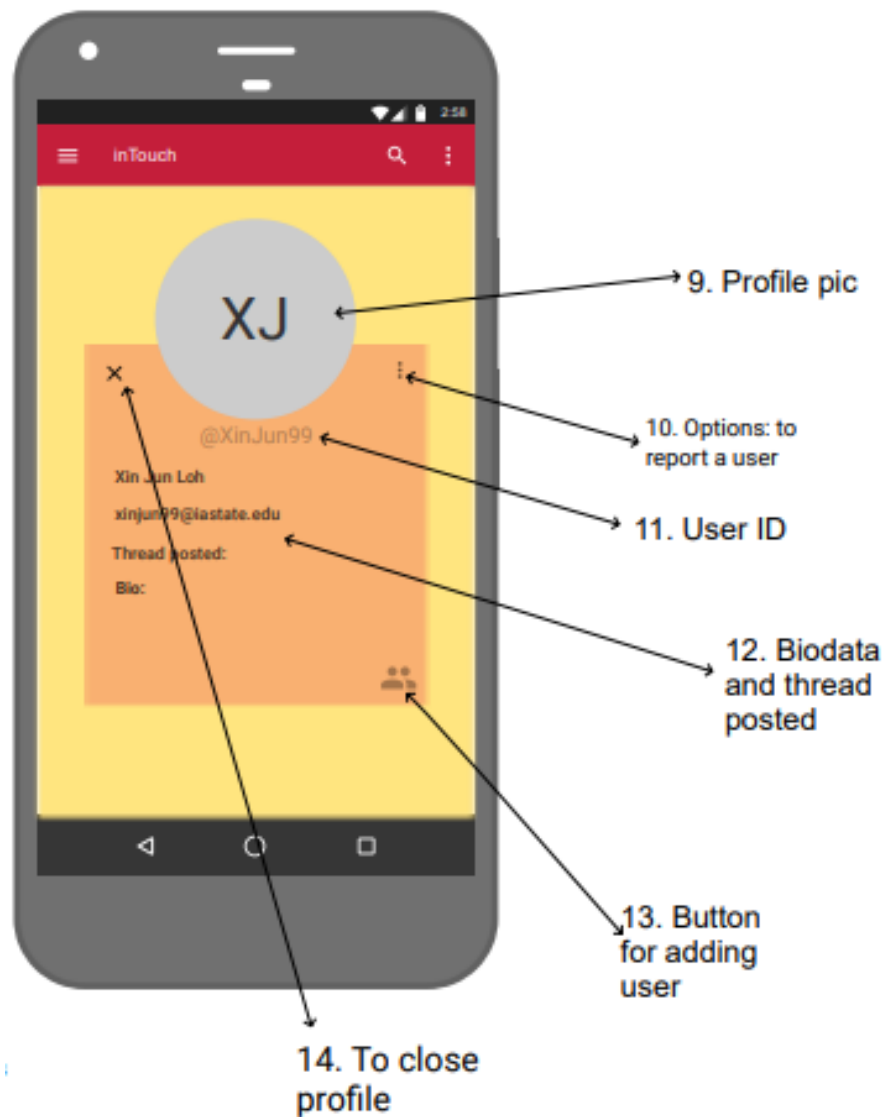
Thread Viewing Screen

Xin-Jun Loh



Viewing Other User's Profile Screen

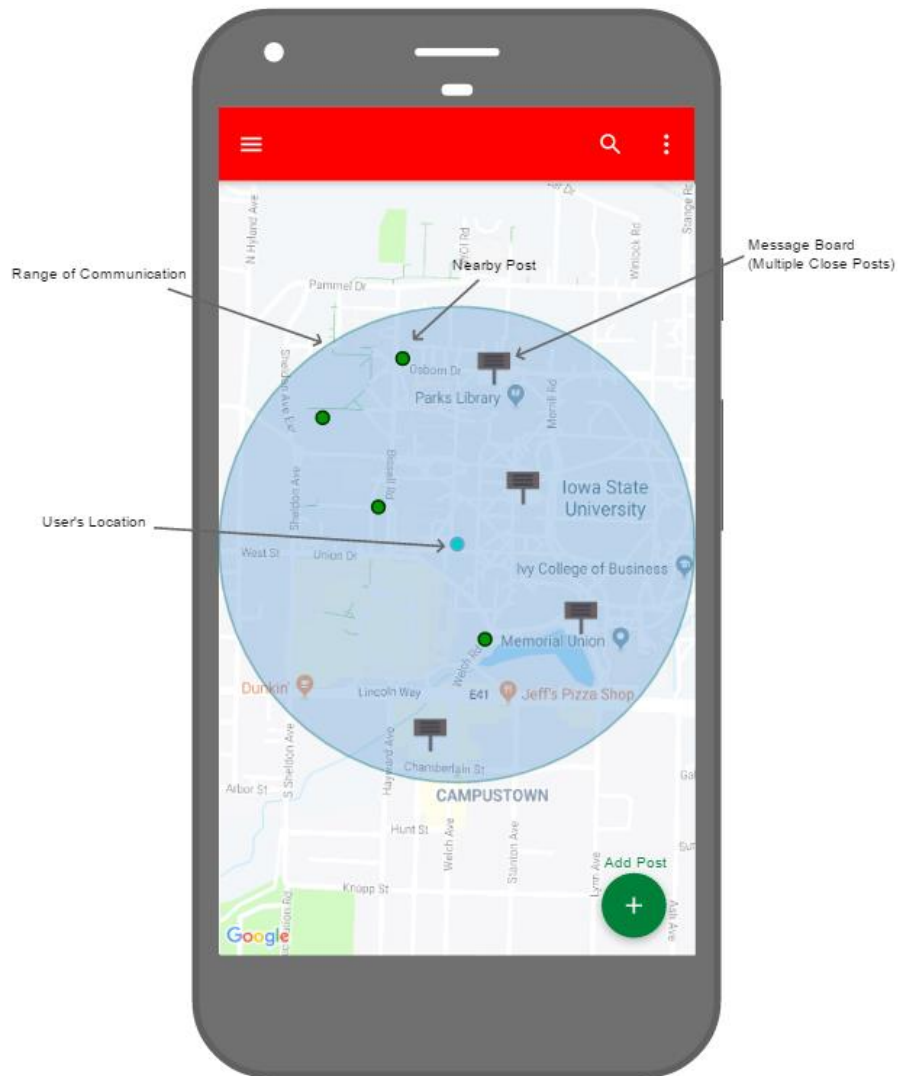
Xin-Jun Loh



The purpose of the first screen is about viewing the comments section of a thread post while the second screen is about viewing the profile of another user. Number 1 is the pop-up menu selection where the user can navigate between threads post and the homepage. From 2 to 3, it displays the thread post with a time stamp accompanied by the profile pic and the name of the user who posted the thread. Number 4 acts as a divider to show that the bottom part is the comment section. For number 5 is how I visualize the comments would look like such as displaying the profile pic with name and the comments by the user. Number 6 would allow us to search for a specific user by their name or a specific comment. Furthermore, number 7 is a button that allow us to add a comment to the thread post while number 8 is a button that allows us to report a thread post. For number 9 is the profile pic of the user whereas number 10 is a button that allow us to report a user. Number 11 displays the user id whereas number 12 displays the user's biodata, contact info and thread posted. Number 13 is a button for adding the user and number 14 is to close the profile of the user.

Map Viewing Screen

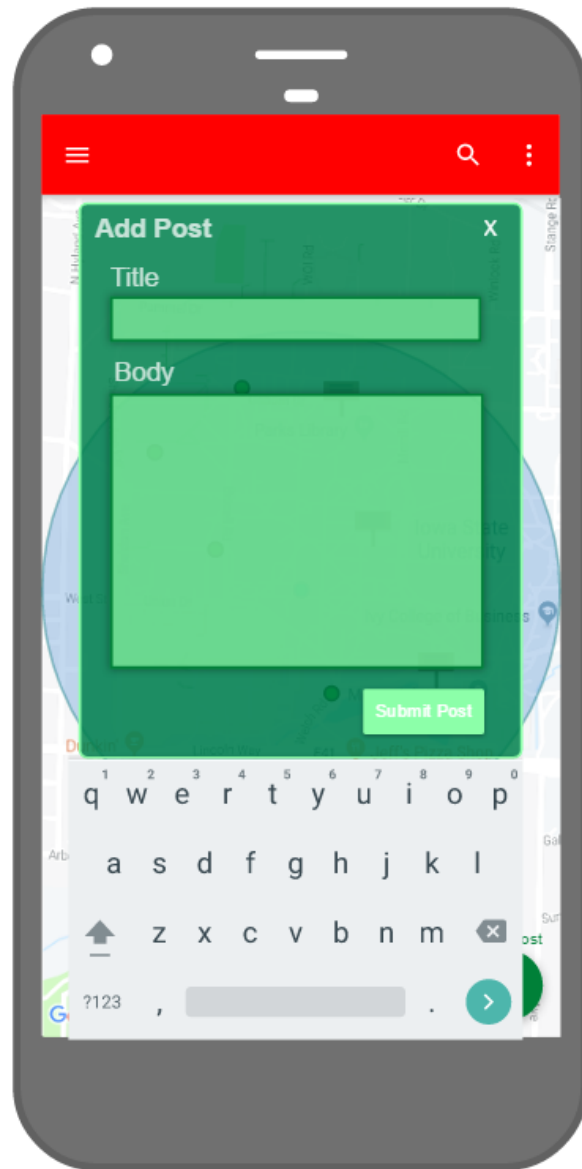
Aaron Thune



This screen is the main view of the application. It displays a Google Maps view with the current user's current location and the radius of visibility based on that location. Within this radius, nearby posts from other users will be displayed on the map. Single posts are represented by green dots on the above image, whereas the message board-style objects represent many posts in the same area, which aggregate in a 'message board'.

Post Submission Screen

Aaron Thune



This screen is an example of what adding a post to the map may look like. This is a simplistic representation, but the main idea is that adding a post would bring up a modal dialog in the map view that would allow entry of a post at the user's current position.