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Marauder's App User Documentation
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Login/Signup Screen

If the user hasn't used our application before, they will be directed to the login screen, which has a self-explanatory layout. The user can click the sign-up button, which directs to a sign-up page where the user can enter their information and create a new account on our database. After either adding an account or logging in to an existing account, the user will be directed to the maps activity screen.
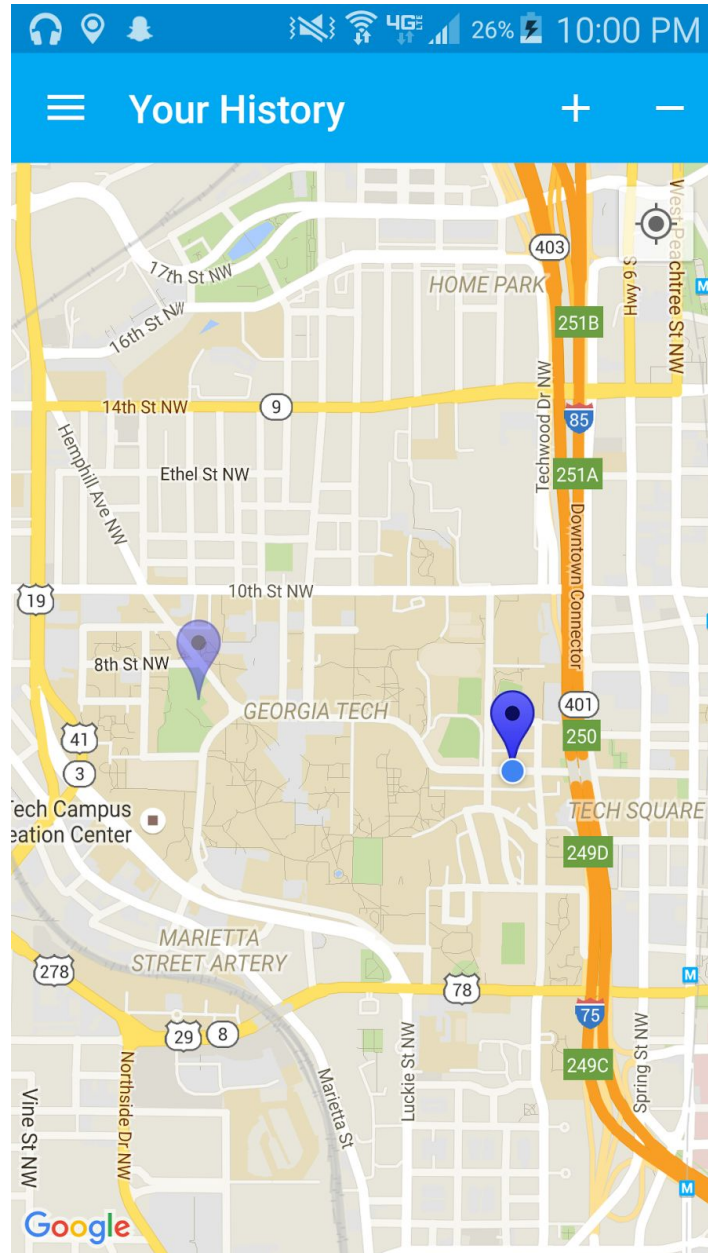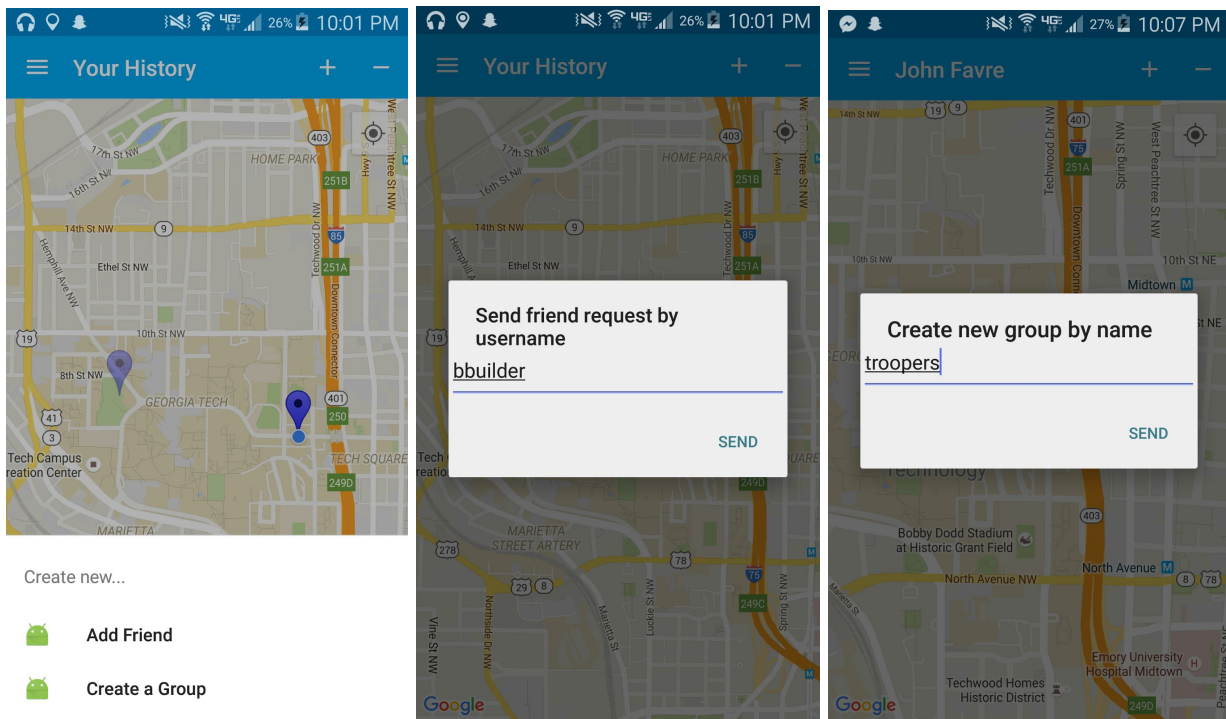
Maps Activity Screen

The main screen of our application is familiar; it is a Google map. The title bar is the only difference, where the user will see a menu button, text displaying "Your History" and two buttons a plus and a minus button.
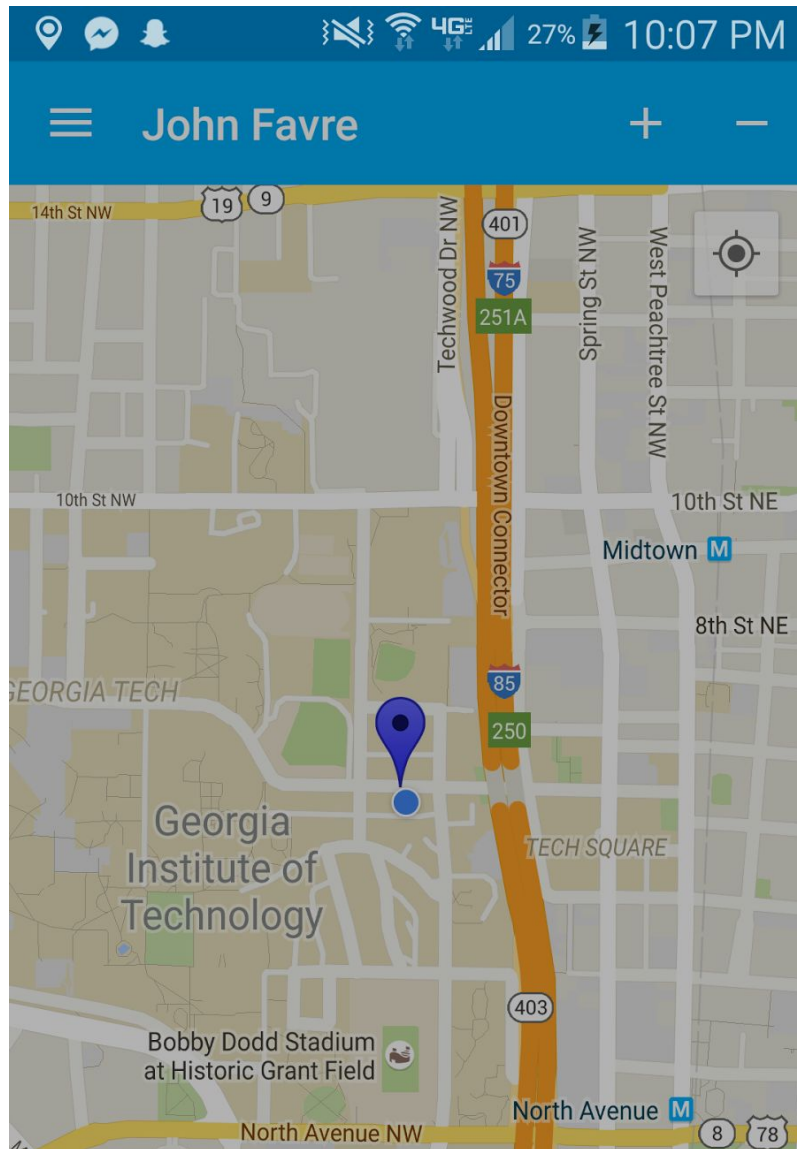
Plus Button

The plus button opens a drawer from the bottom of the screen that is superimposed over the maps activity. This drawer contains two options, which are "add friend" and "create group." If clicked, these options will open up a dialog for the user to type in the name of the friend or group they want to add/create.

Minus Button

The minus button is analogous to the plus button, albeit with only one option: remove friend. If the user selects this option, they are presented with a list of friends to remove. The user can then tap the friend to remove them from their friend list.
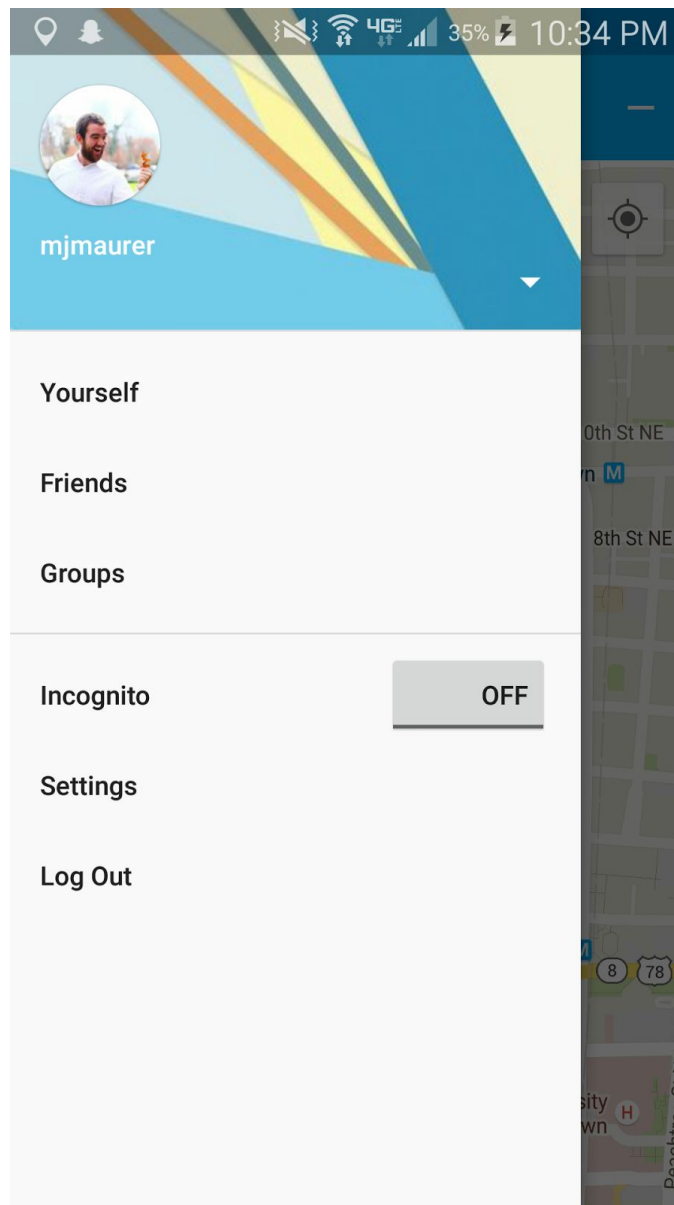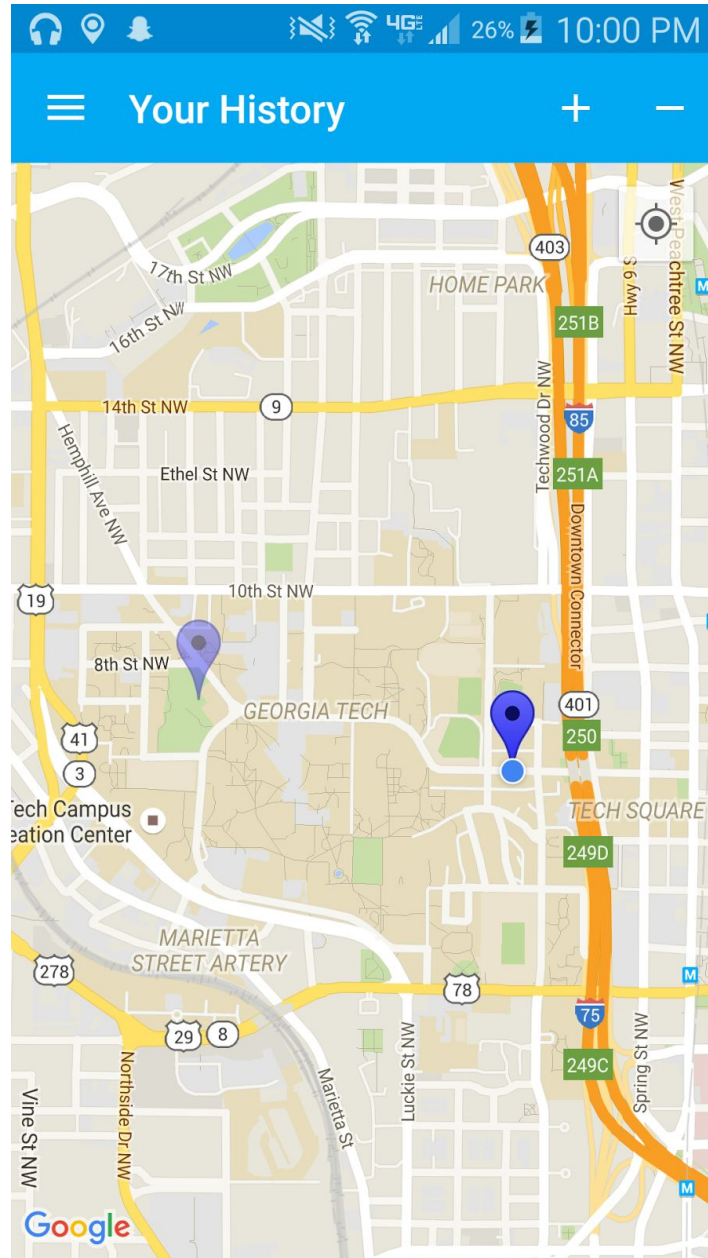
Menu Button

The menu button opens a drawer that is superimposed over the maps activity screen. This drawer contains a few buttons, 4 of them being the most important. These buttons are yourself, friends, groups and the incognito toggle. Friends and groups take the user to another screen, while the incognito toggle doesn't track the user's location.
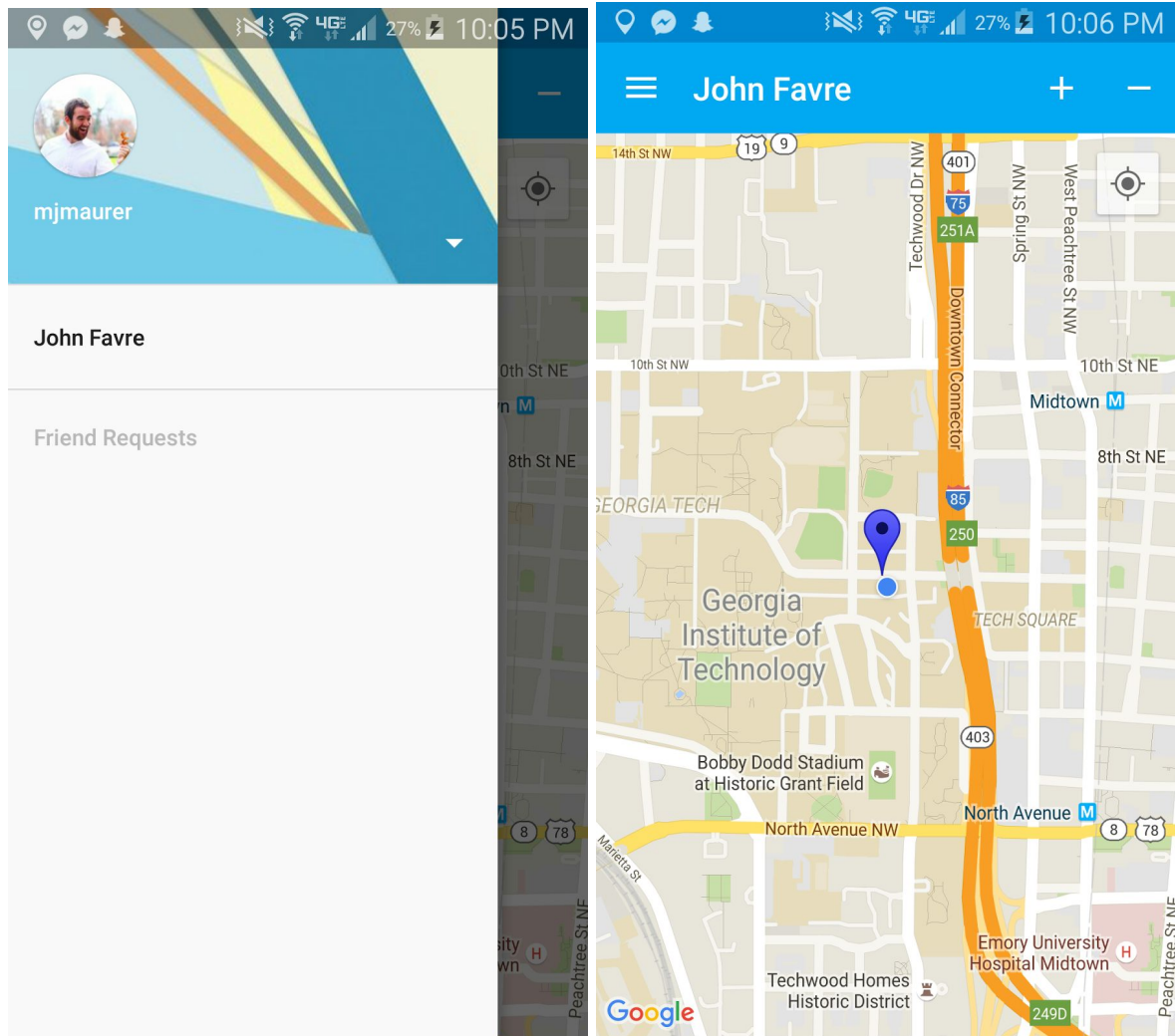
Yourself Drawer Button

If the user presses the "yourself" button, then the map will display their location history. The plus and minus buttons perform the same function as outlined above.
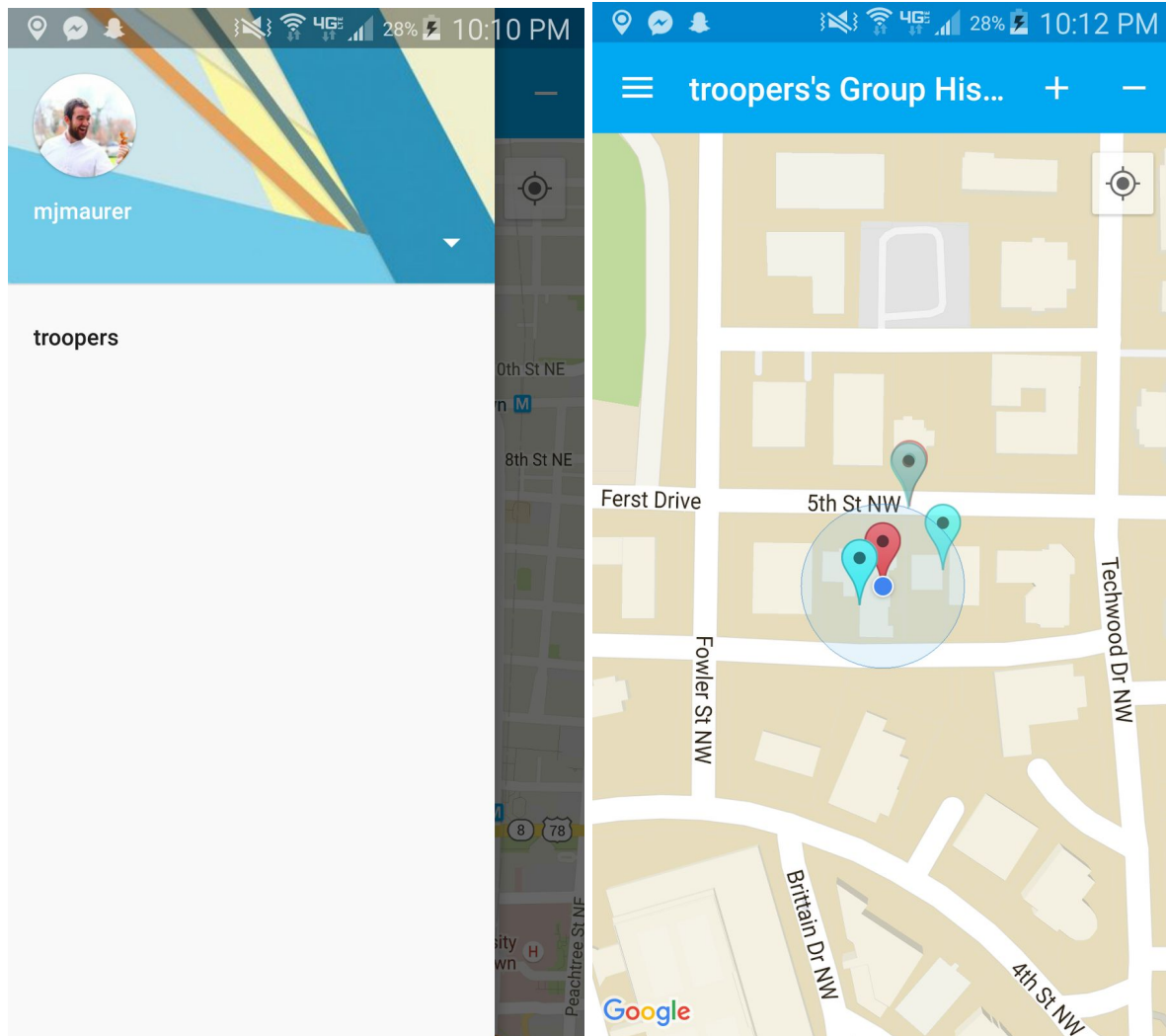
Friends Drawer Button

The friends button directs the user to a list of the user's friends and incoming friend requests. Here the user can choose to accept or decline friend requests and see their friends location history. If the user taps on their friend, then they will see that friend's location history displayed on the map in a different color from the user's location history. The plus and minus buttons perform the same function as outlined above.

Groups Drawer Button

The groups drawer contains a list of the groups that the user is a part of. If the user clicks the group, the group members location will be displayed on the map. The plus and minus buttons also have different functionality when viewing a group's history. The plus button can now add friends from your friends list to the group and the minus button can remove a friend, including yourself, from the group.

Settings

The settings contains the options to change what range of dates you are getting locations from. By default, you get the oldest possible locations up to the current time.