

Project #1

GeoTask

by: Shelly Cheng &
Jason Toups

January 27th, 2020



Project #1 - GeoTask - Proposal

MVP

- User signs up for account, and can create or sign in with social sign in; facebook/google.
- Show lists of tasks, that can be created, edited, updated, marked as complete, and sorted.
- Assign predefined categories to task list, with corresponding category color.
- Assign & update geolocation to individual task list.
- View map with home location, and tasks markers that have a geolocation, colored by category, and have a badge with number of tasks in the list.
- Mobile - first design for layout and interaction.

Stretch Goals

- Categories UI Elements for filtering task lists by category
- Autocomplete on Google Map Search
- User can access profile page with account info.
- Assign emoji to task list categories.
- Stretch: JWT(JSON Web Token)
- Searching for tasks
- Phone number and email confirmation.

Milestones

Shelly

- Sign up
 - encrypting password
 - Social Sign up (google), search for google ID
 - phone number or email confirmation(6 digit code)
- Log in
 - Basic Email Password Auth
 - Session connect or **Stretch: JWT(JSON Web Token)**
- To-Do list All
 - fetch all data and show on page
 - sorting
 - **Searching**
- To-Do Detail Page
 - Edit function(update)
- To-Do Create Page
 - create new to-do and update database

Jason

- Sign up
 - Social Sign up (Facebook)
- Map
 - Populate location pin on map
 - Show detail view when user clicks the pin
 - Google autocomplete and search terms
 - <https://developers.google.com/maps/documentation/javascript/places-autocomplete>
 - Grouping markers with same location on Map.
 - Create map markers as SVGs, and assign color by category.
 - Get badge on markers to show number of tasks in list.
 - Show all current tasks with geolocations on Map.
- Todo List - All
 - Show distance from task list to home or current location.

User Stories

User Story - Signup/Login

- As a user, I can create an account.
- I can input basic info for signup, or signup with Facebook or Google Account.

User Story - Profile

- As a user, I can add Profile info, edit info, or link from Facebook or Google account.

User Story - List View - All

- With any amount of todo lists, I can search a local map for the locations associated with all (or filtered return) of the todo lists.
- With several todo lists, I can sort them by geolocation, date due, or (last updated list - default), and filter by categories and (stretch - collaborator).
- Create list.
- The list headers shows the distance from the list to my home location, or (if permitted) from the list to my current location.

User Story - List View - Detail

- With the todo list, I can see & edit; list title, list of items, geolocation, date due, category, (Stretch goal - collaborator).
- Geolocation of list in a thumbnail near the title of the list.
- On list detail view, as a user, I will be able to update all list data.

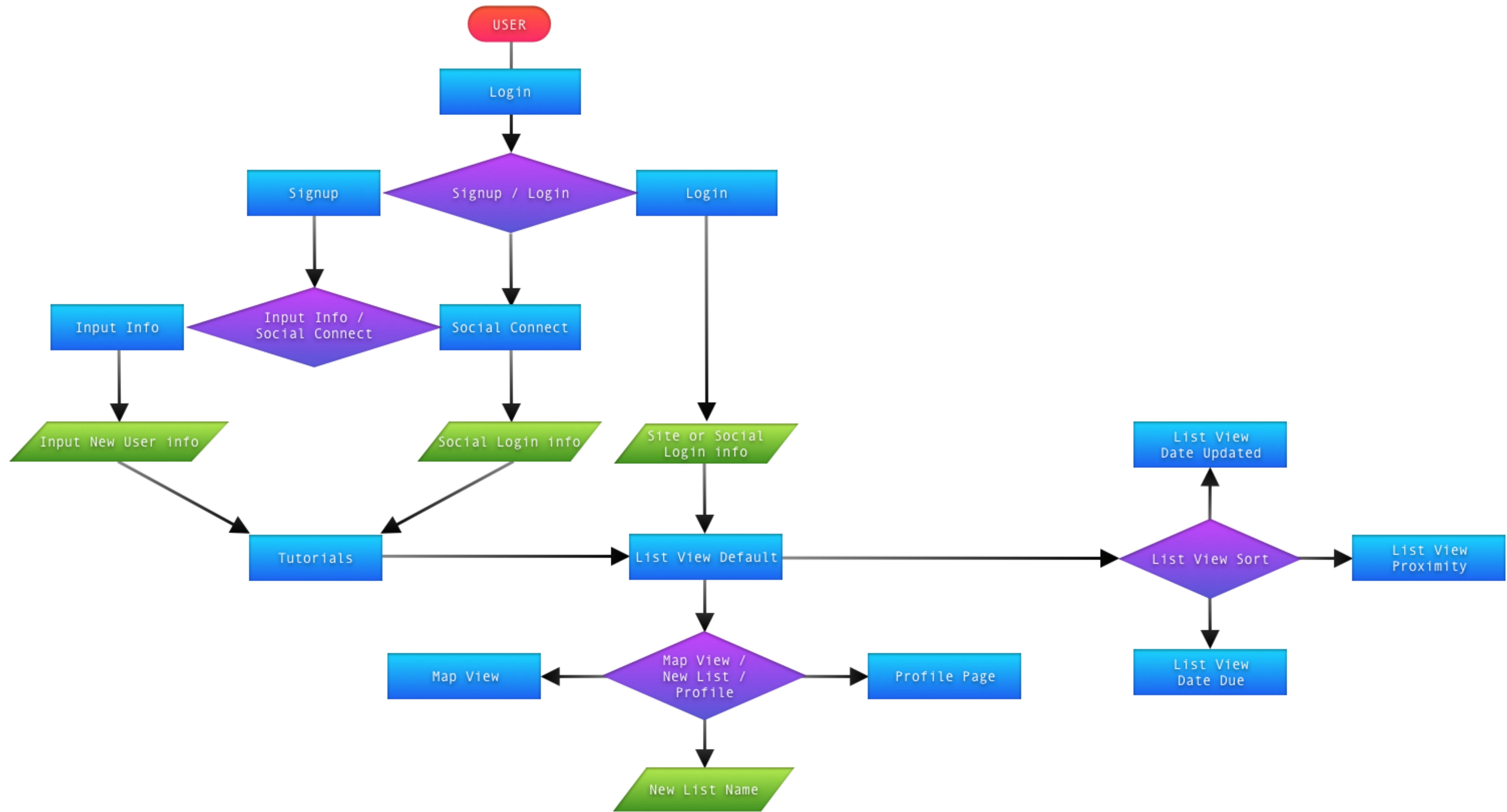
User Story - List View - Create

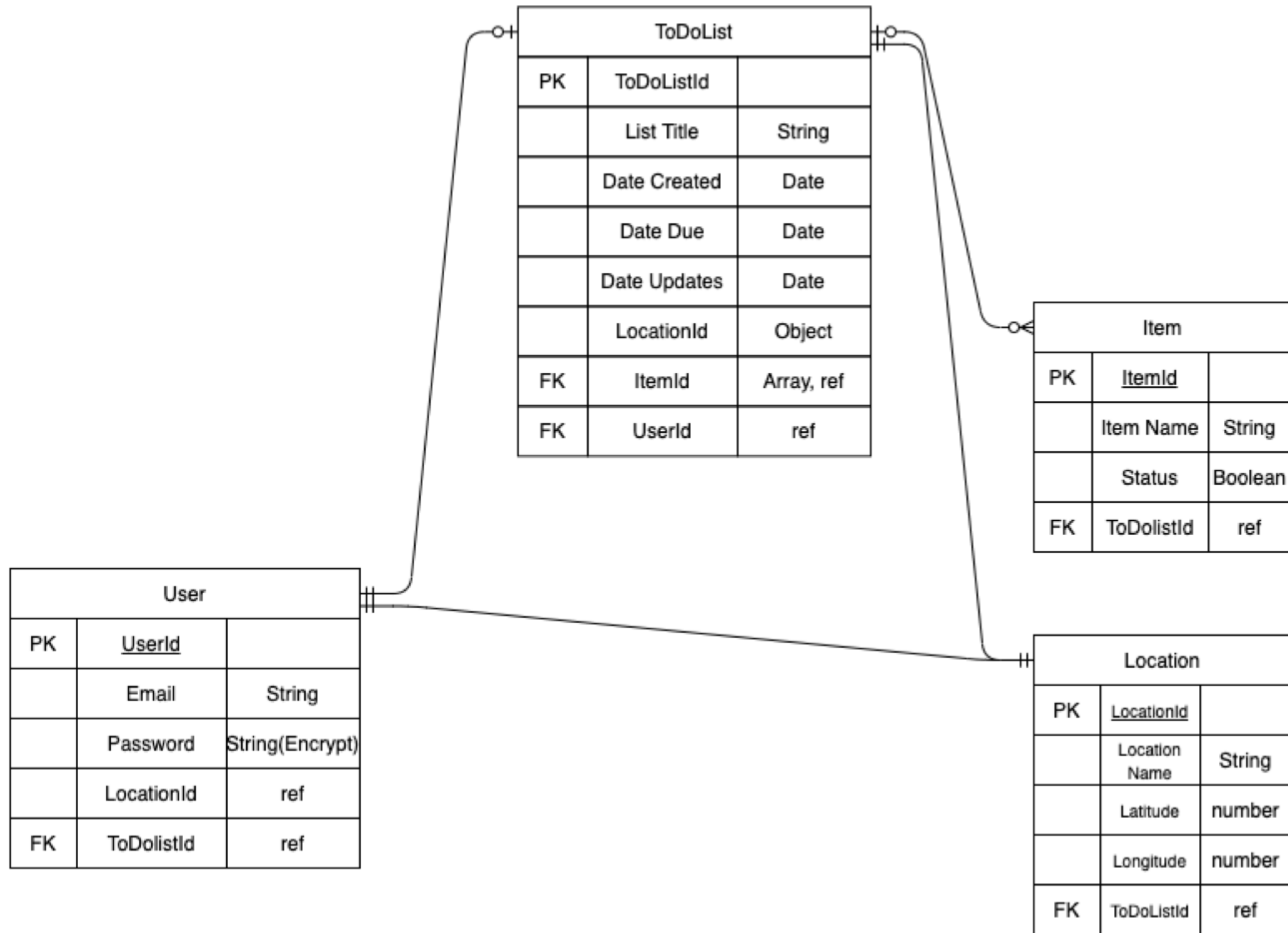
- With your account, you can create a todo list.
- With the todo list, you can assign; list title, list of items, geolocation, date due, category, (Stretch goal - collaborator).

User Story - Map View - All

- With geolocations assigned to lists, you can view a local map with all of your todo list locations.
- Select location on map, and view associated todo list as a popup.
- (Stretch Goal - Always on geolocation verification, todo list would popup if nearby).

User Flow



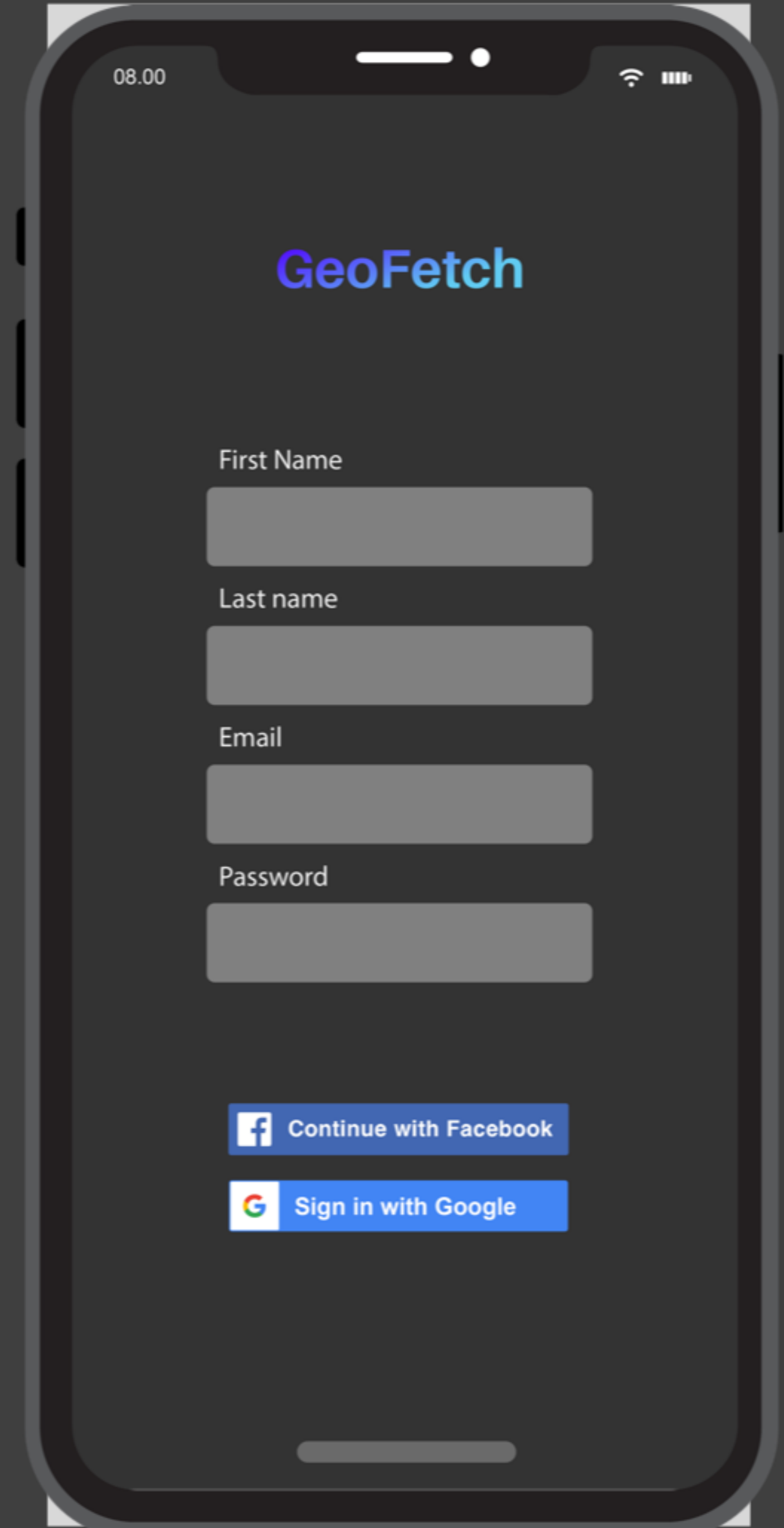


User Story - Signup/Login

- As a new user, I can create an account.
- I can input basic info for signup, or signup with Facebook or Google Account.

User Flow - Signup

User Flow - Login



The image shows a mobile app interface for 'GeoFetch'. At the top, the status bar displays '08.00' and battery level. The app title 'GeoFetch' is centered in a blue font. Below it are four input fields: 'First Name', 'Last name', 'Email', and 'Password'. At the bottom, there are two buttons: 'Continue with Facebook' and 'Sign in with Google'. The app is presented within a smartphone frame.

08.00

GeoFetch

First Name

Last name

Email

Password

Continue with Facebook

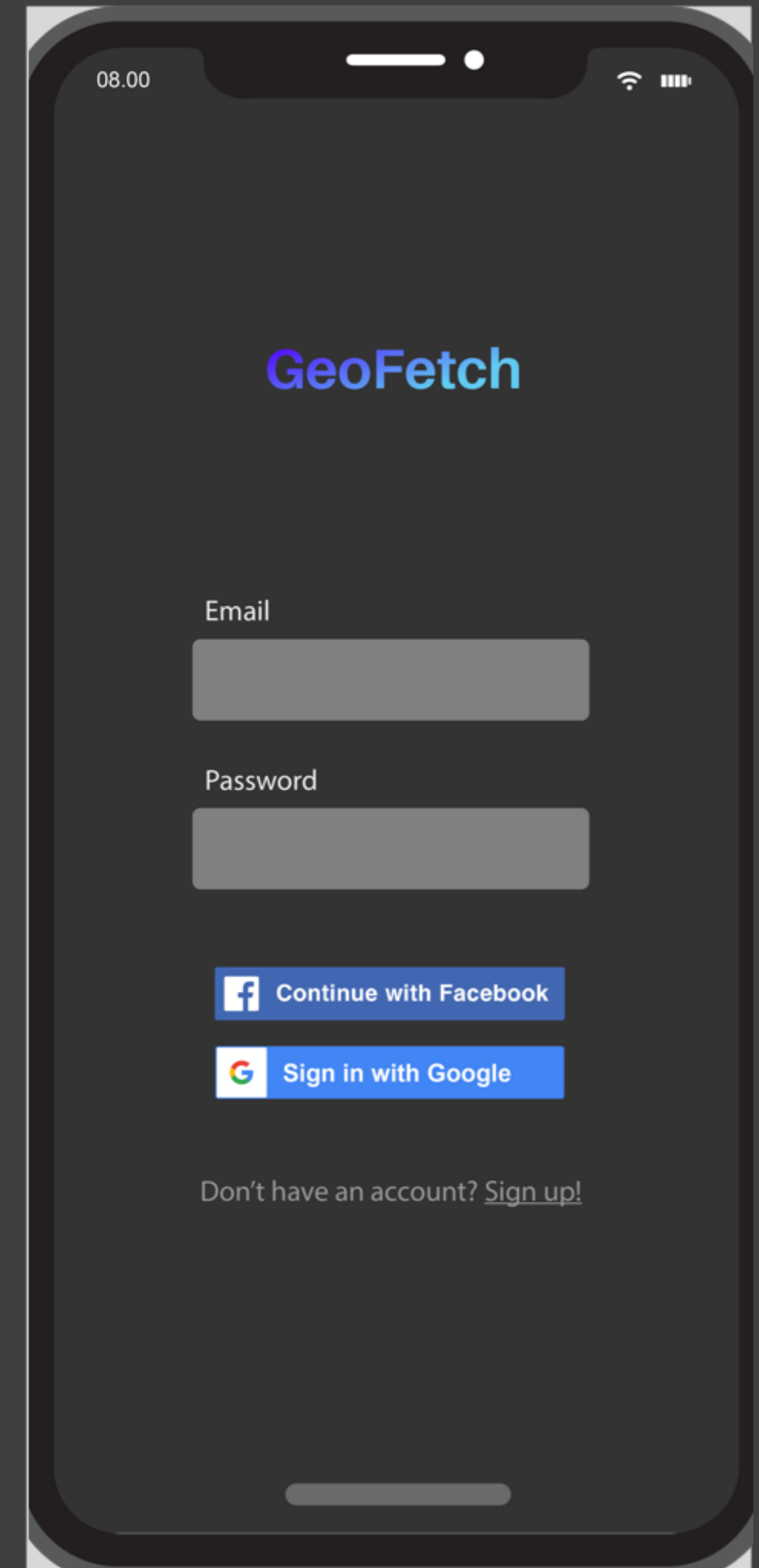
Sign in with Google

User Story - Signup/Login

- As a new user, I can create an account.
- I can input basic info for signup, or signup with Facebook or Google Account.

User Flow - Signup

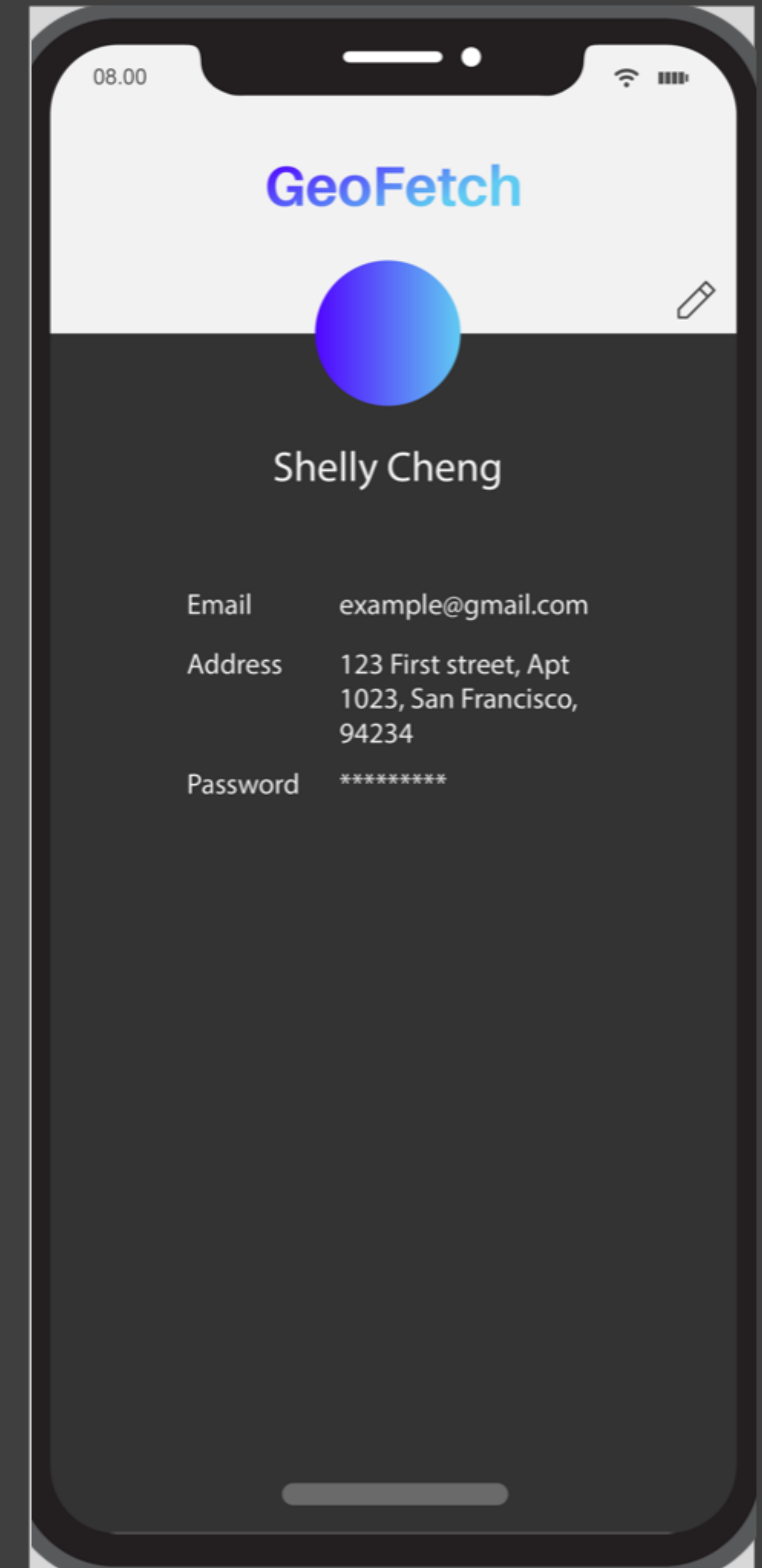
User Flow - Login



User Story - Profile

- As a user, I can add Profile info, edit info, or link from Facebook or Google account.

User Flow



List View - All

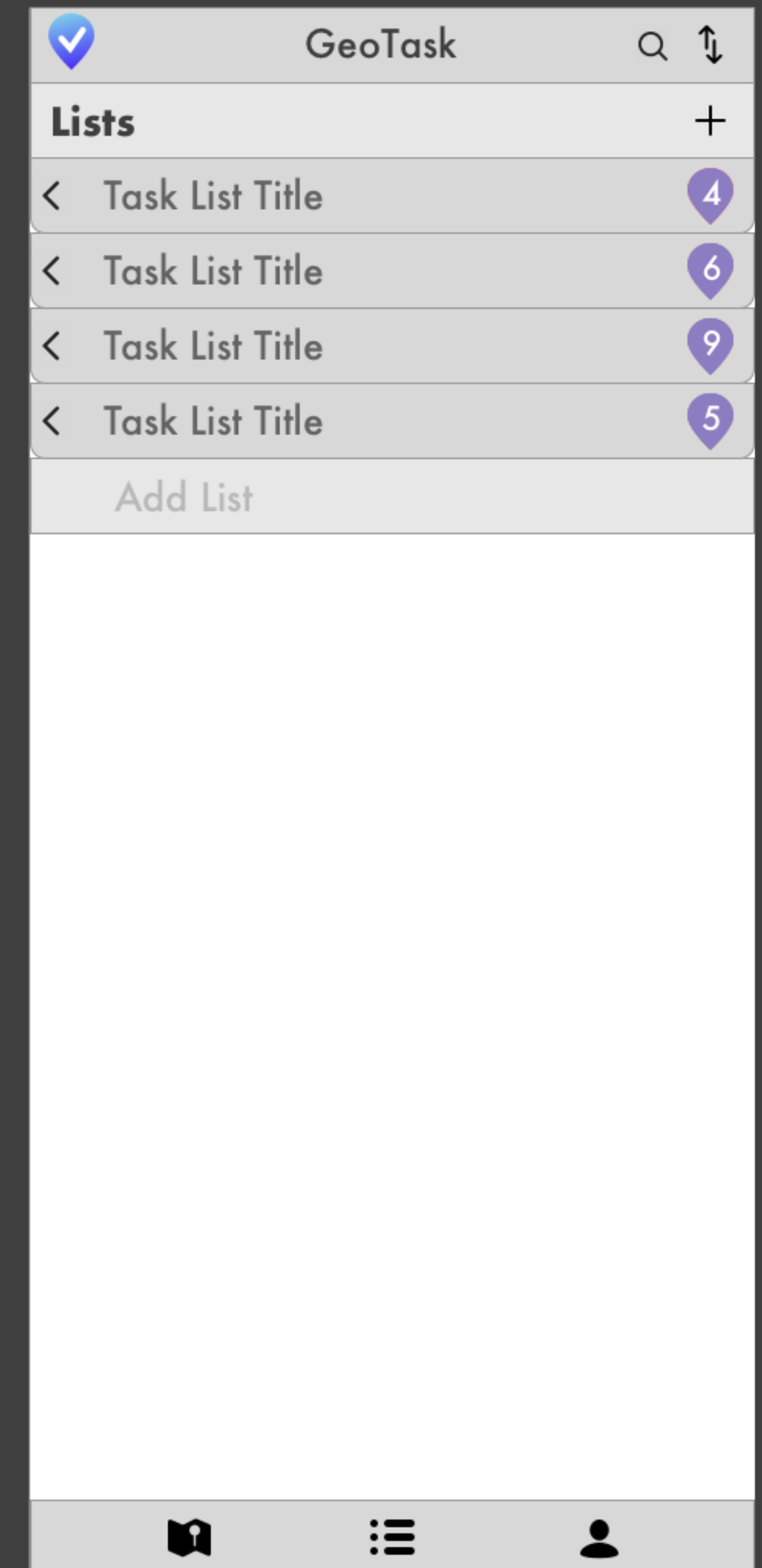
Todos

Update the mockups from the pics.

User Story - List View - All

- With any amount of todo lists, I can search a local map for the locations associated with all (or filtered return) of the todo lists.
- With several todo lists, I can sort them by geolocation, date due, or (last updated list - default), and filter by categories and (stretch - collaborator).
- Create list.
- The list headers shows the distance from the list to my home location, or (if permitted) from the list to my current location.

User Flow



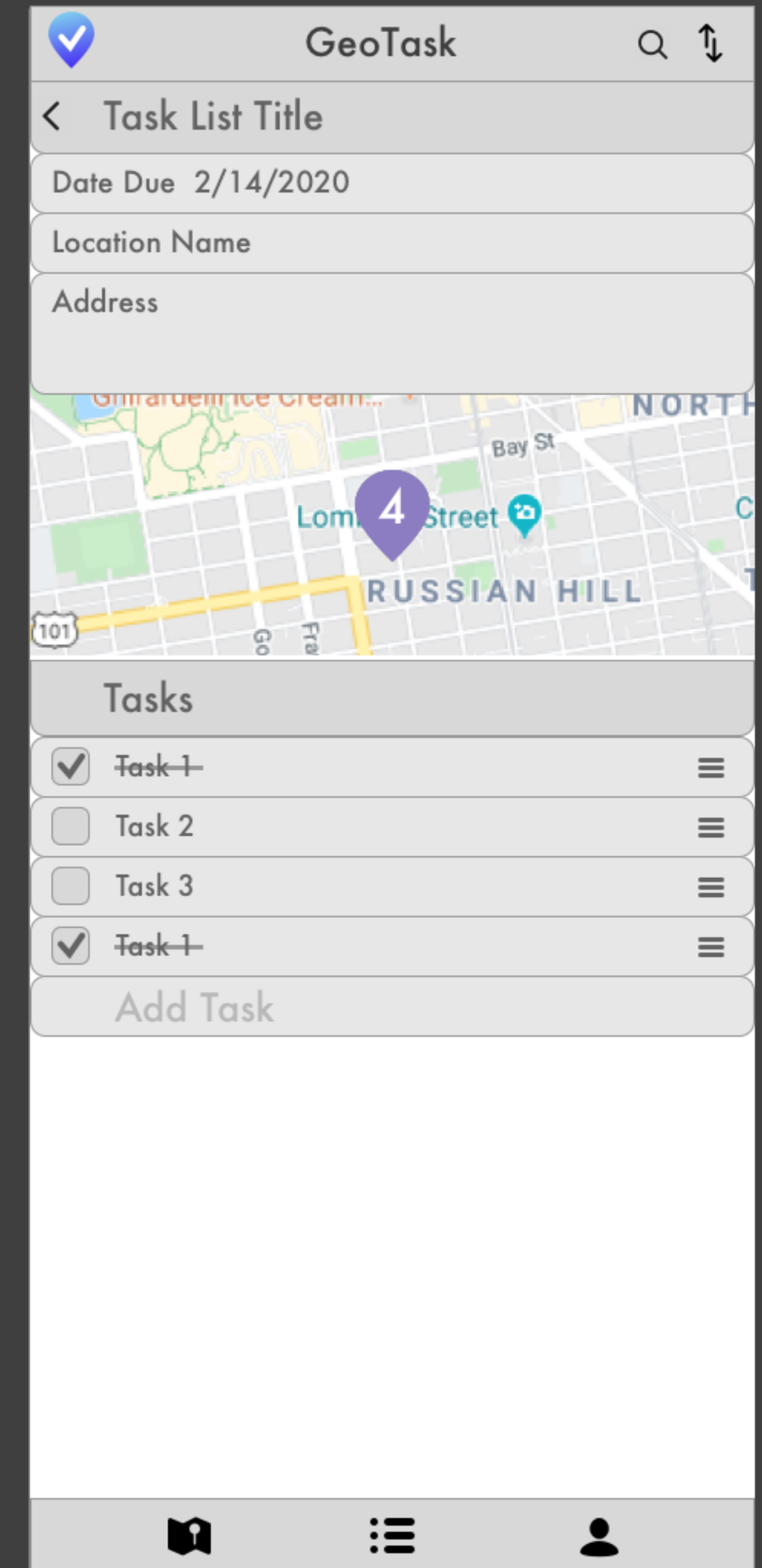
List View - Detail

TODO - add map thumb to top of this view.
Title up top, and date due , smaller and under title 50 px tall
Remove emoji, add back button to title
Drop marker with badge from title, add to thumb map.
Remove category from title.

User Story - List View - Detail

- With the todo list, I can see & edit; list title, list of items, geolocation, date due, category, (Stretch goal - collaborator).
- Geolocation of list in a thumbnail near the title of the list.
- On list detail view, as a user, I will be able to update all list data.

User Flow

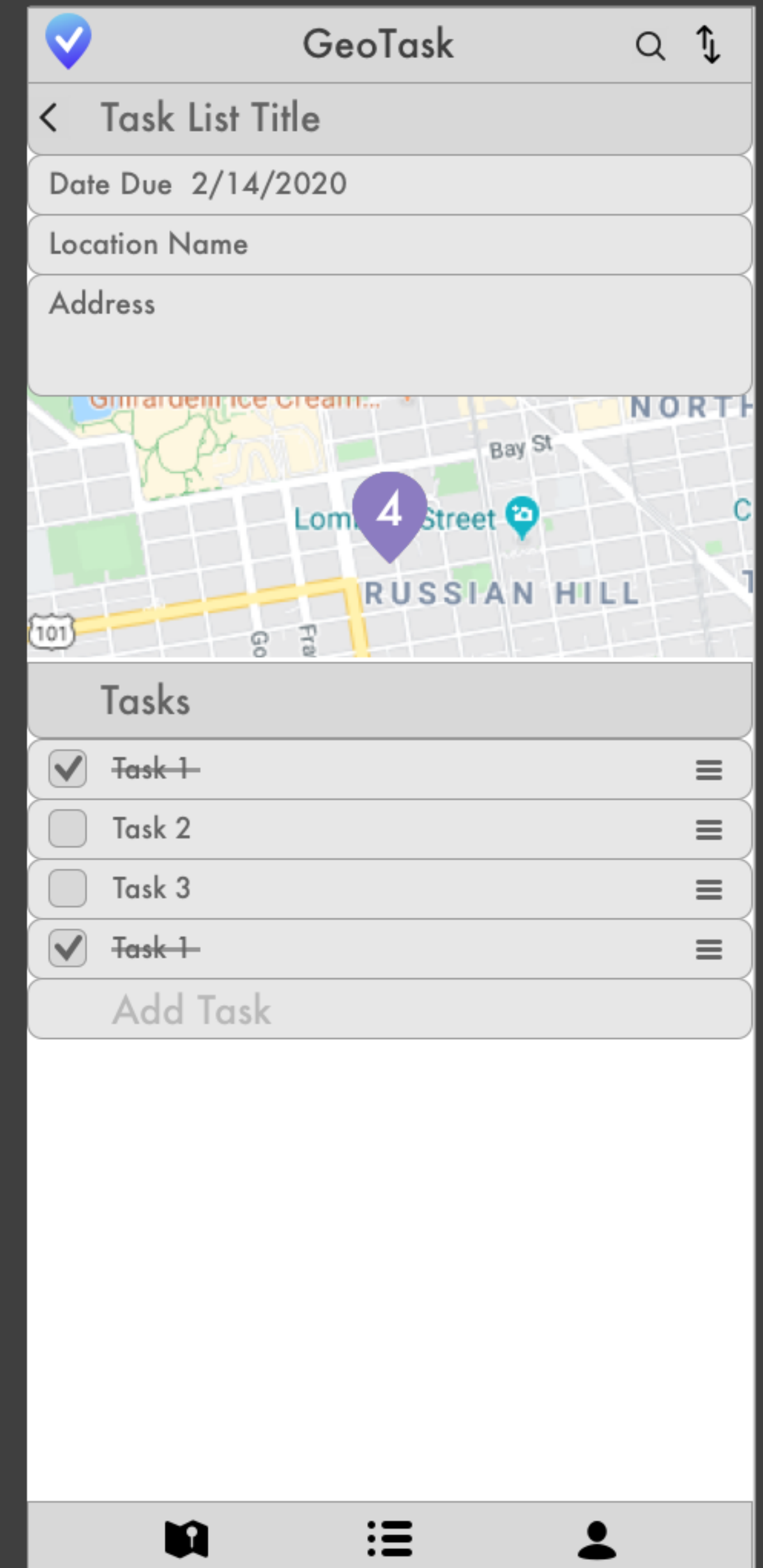


User Story - List View - Detail

- With the todo list, I can see & edit; list title, list of items, geolocation, date due, category, (Stretch goal - collaborator).
- Geolocation of list in a thumbnail near the title of the list.
- On list detail view, as a user, I will be able to update all list data.

User Flow

I think we should just double tap/select any title, task, or category to edit it, in-place.



List View - Create

User Story - List View - Create

- With your account, you can create a todo list.
- With the todo list, you can assign; list title, list of items, geolocation, date due, category, (Stretch goal - collaborator).

User Flow

✓

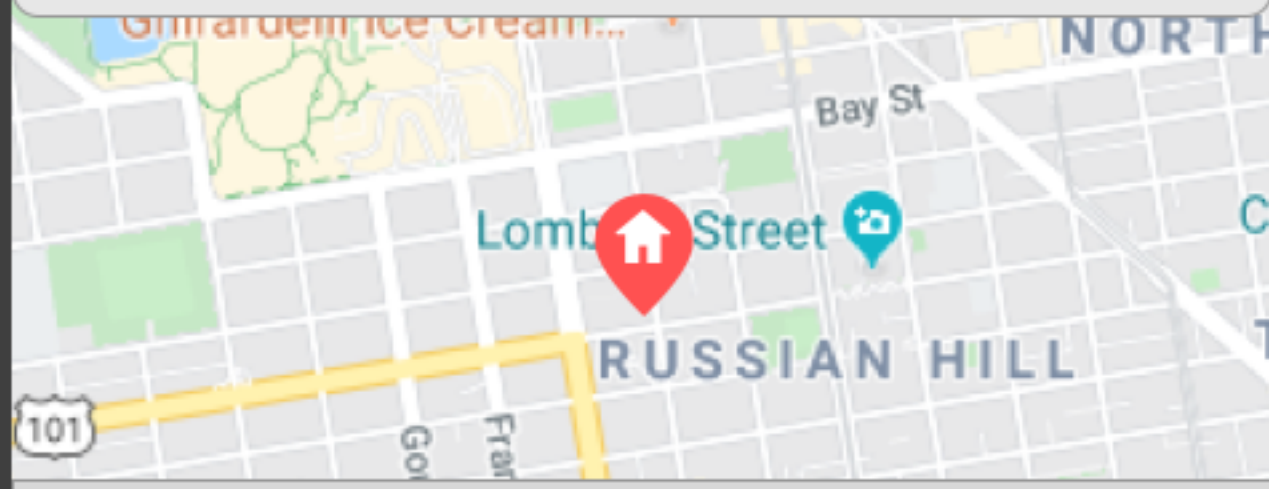
GeoTask

Task List Title

Date Due




Location Name

Address



Tasks

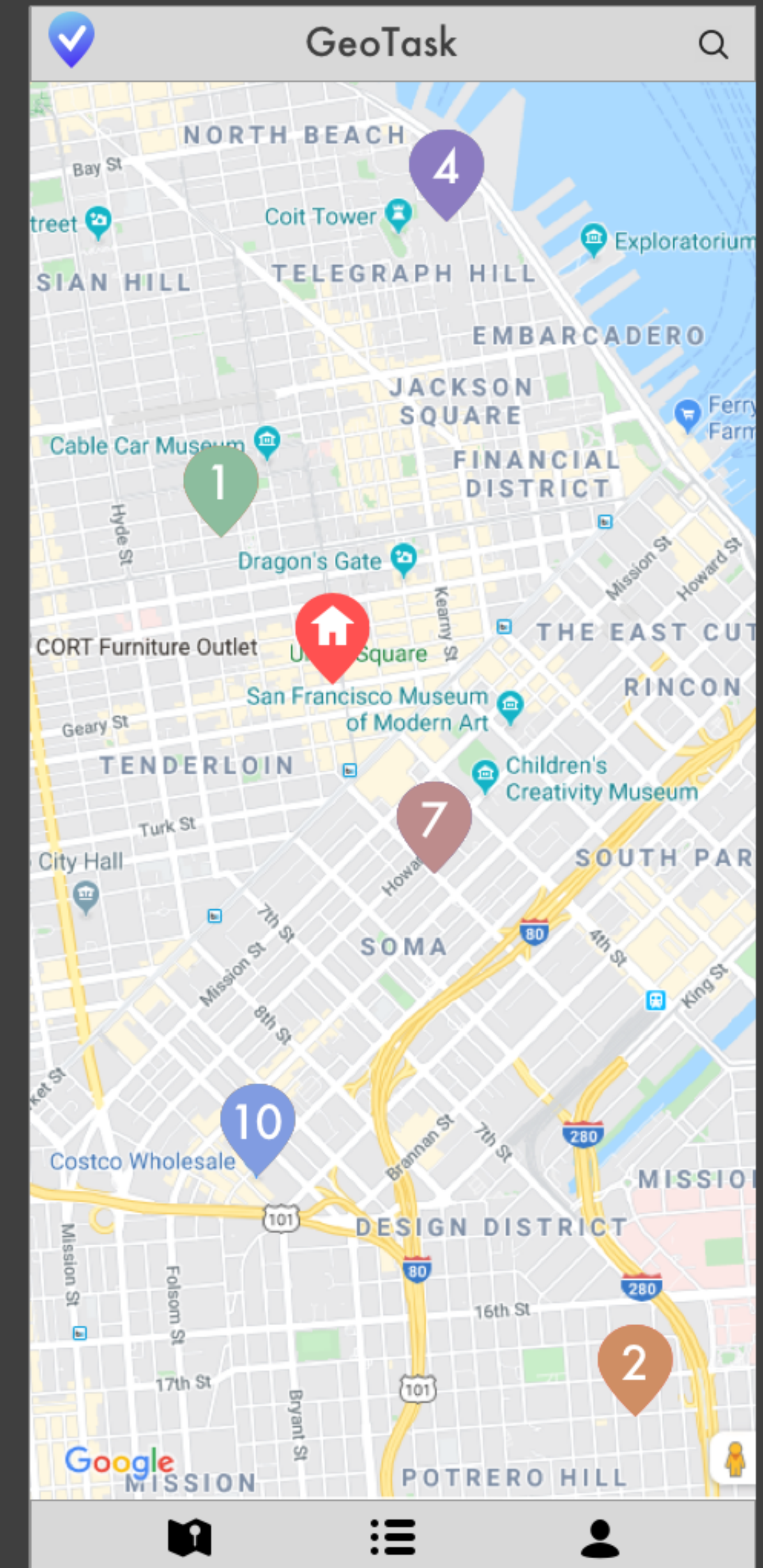
Add Task



Map View - All

User Story - Map View - All

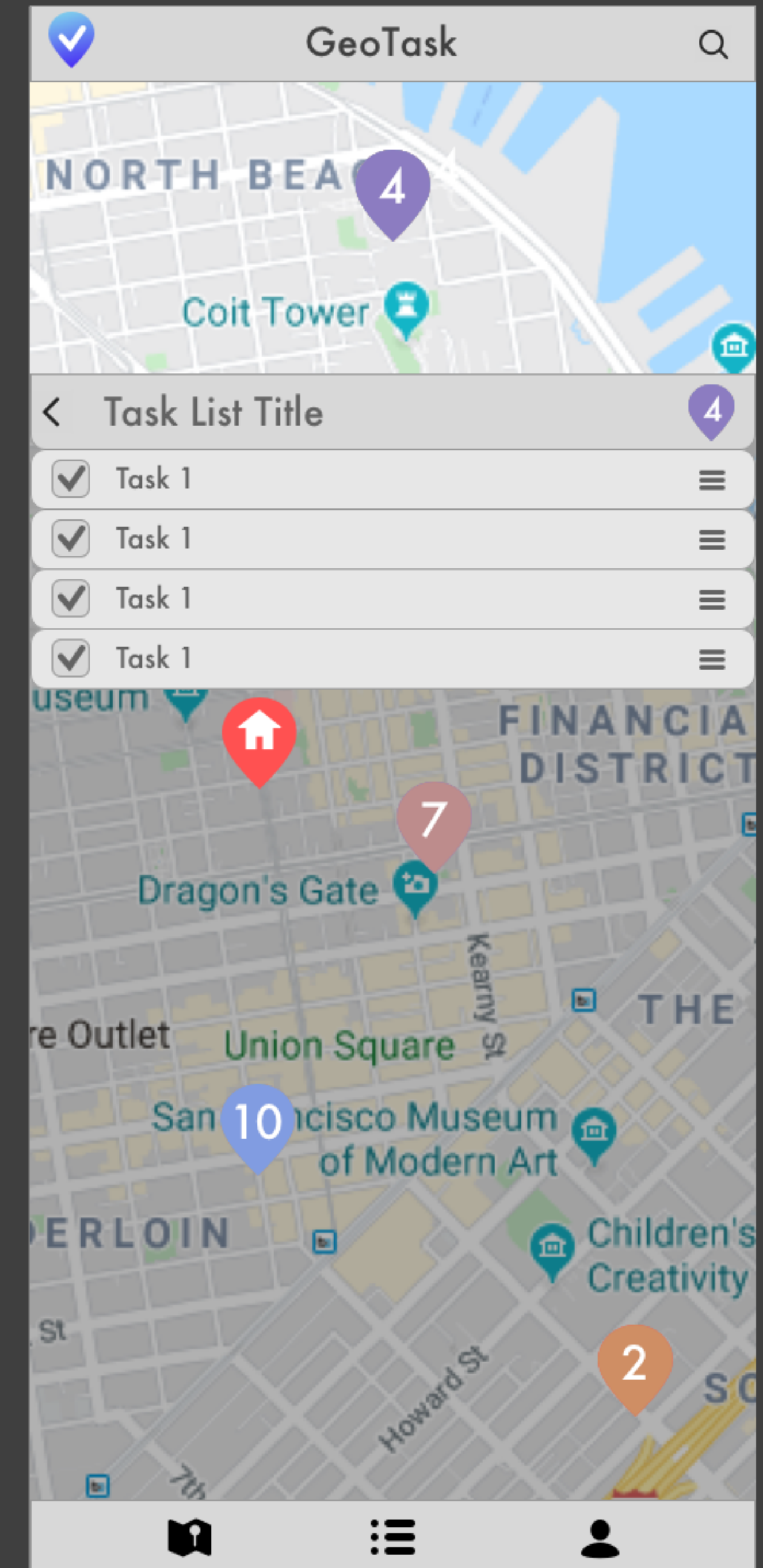
- With geolocations assigned to lists, you can view a local map with all of your todo list locations.
- Select location on map, and view associated todo list as a popup.
- (Stretch Goal - Always on geolocation verification, todo list would popup if nearby).



Map View - Detail

User Story - Map View - All

- With geolocations assigned to lists, you can view a local map with all of your todo list locations.
- Select location on map, and view associated todo list as a popup.
- (Stretch Goal - Always on geolocation verification, todo list would popup if nearby).



Map View - Adding Location to Task List

User Story - Map View - All

- With geolocations assigned to lists, you can view a local map with all of your todo list locations.
- Select location on map, and view associated todo list as a popup.
- (Stretch Goal - Always on geolocation verification, todo list would popup if nearby).

