

# Project #1

## GeoTask

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# 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

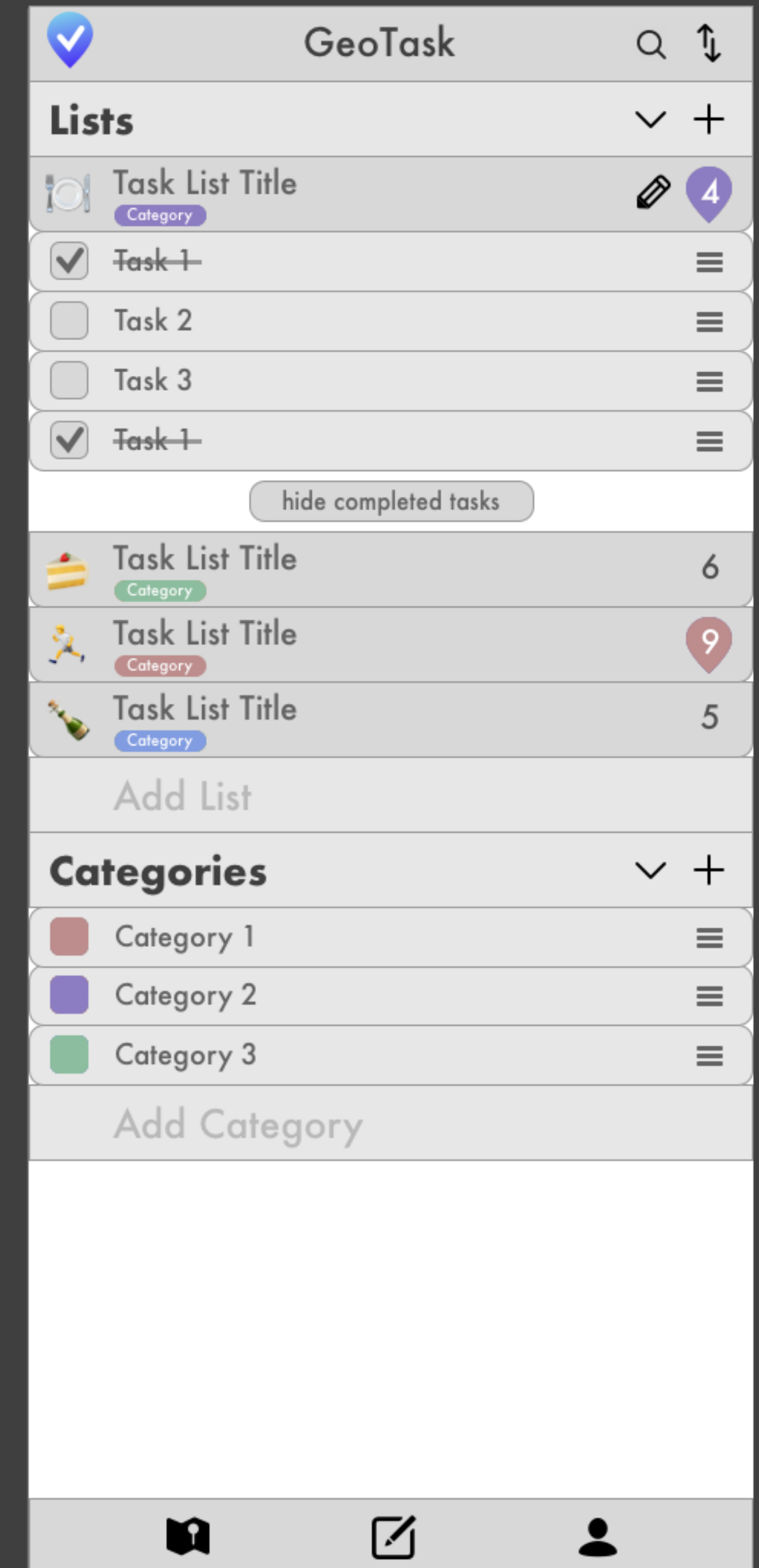
- With the todo list, I can see & edit; list title, list of items, geolocation, date due, category, (Stretch goal - collaborator).
- Geolocation of list in a thumbnail near the title of the list.
- On list detail view, as a user, I will be able to update all list data.

## 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).

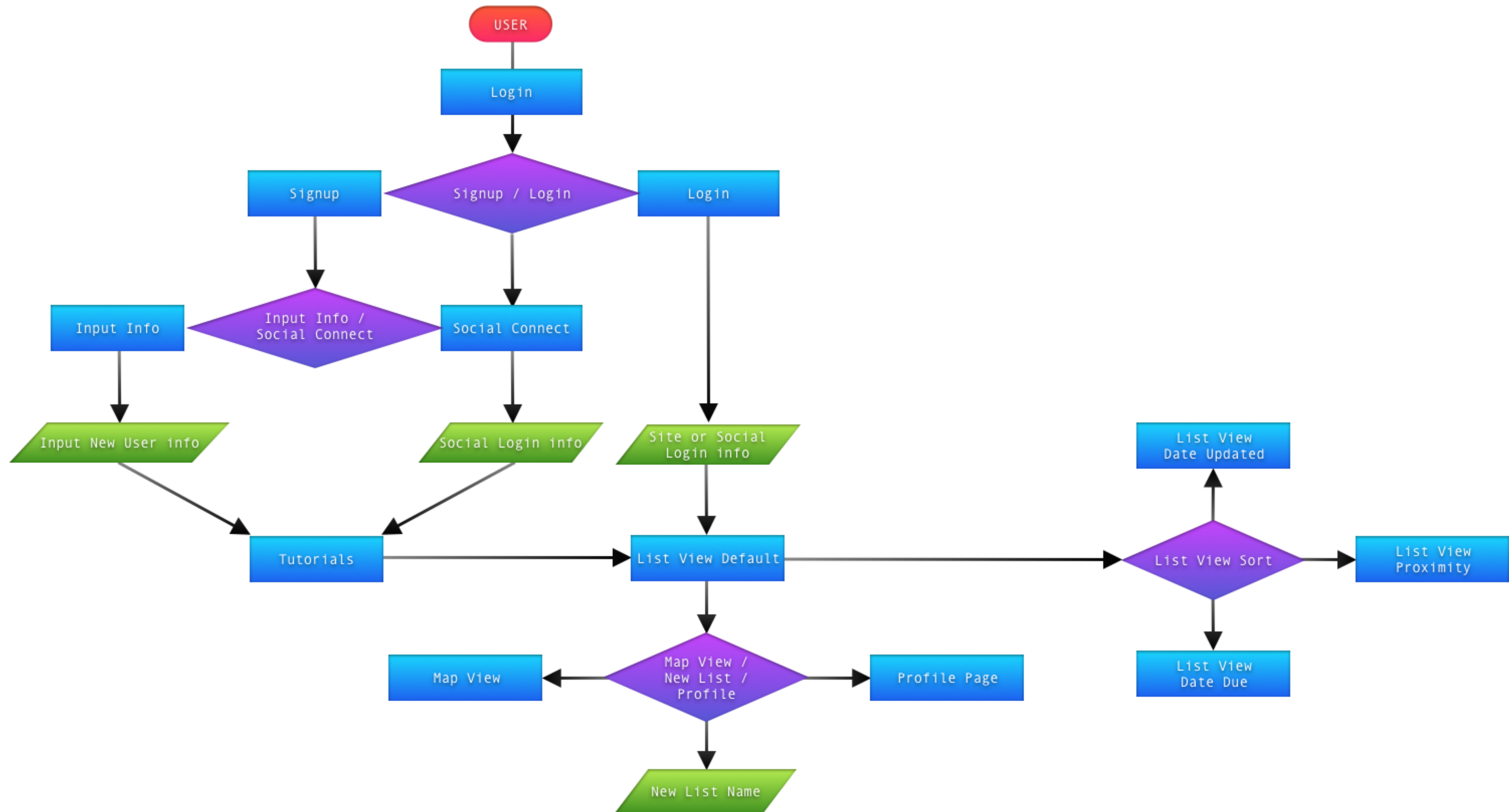
## User Story - Map View - All

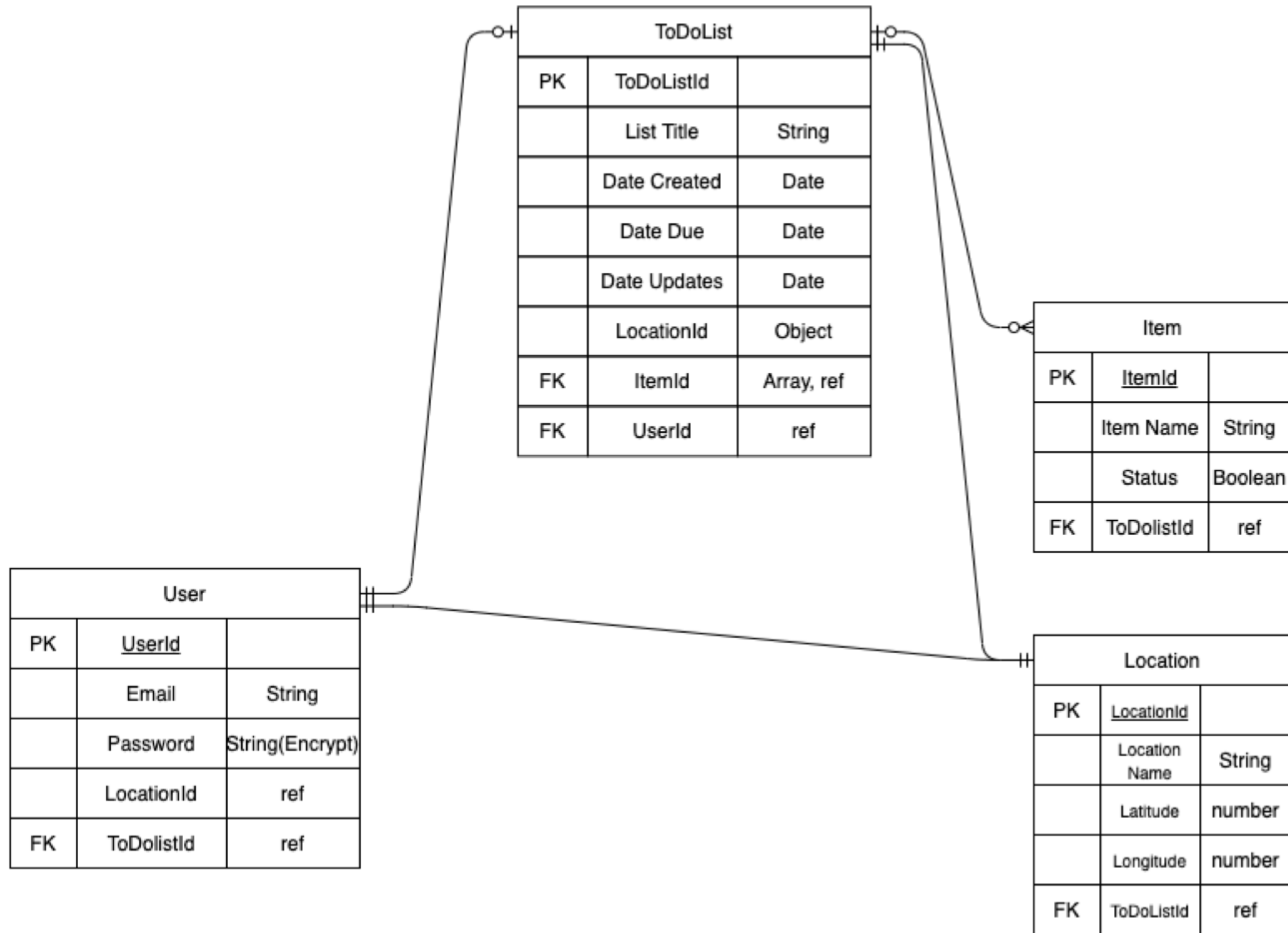
- With geolocations assigned to lists, you can view a local map with all of your todo list locations.
- Select location on map, and view associated todo list as a popup.
- (Stretch Goal - Always on geolocation verification, todo list would popup if nearby).





# User Flow



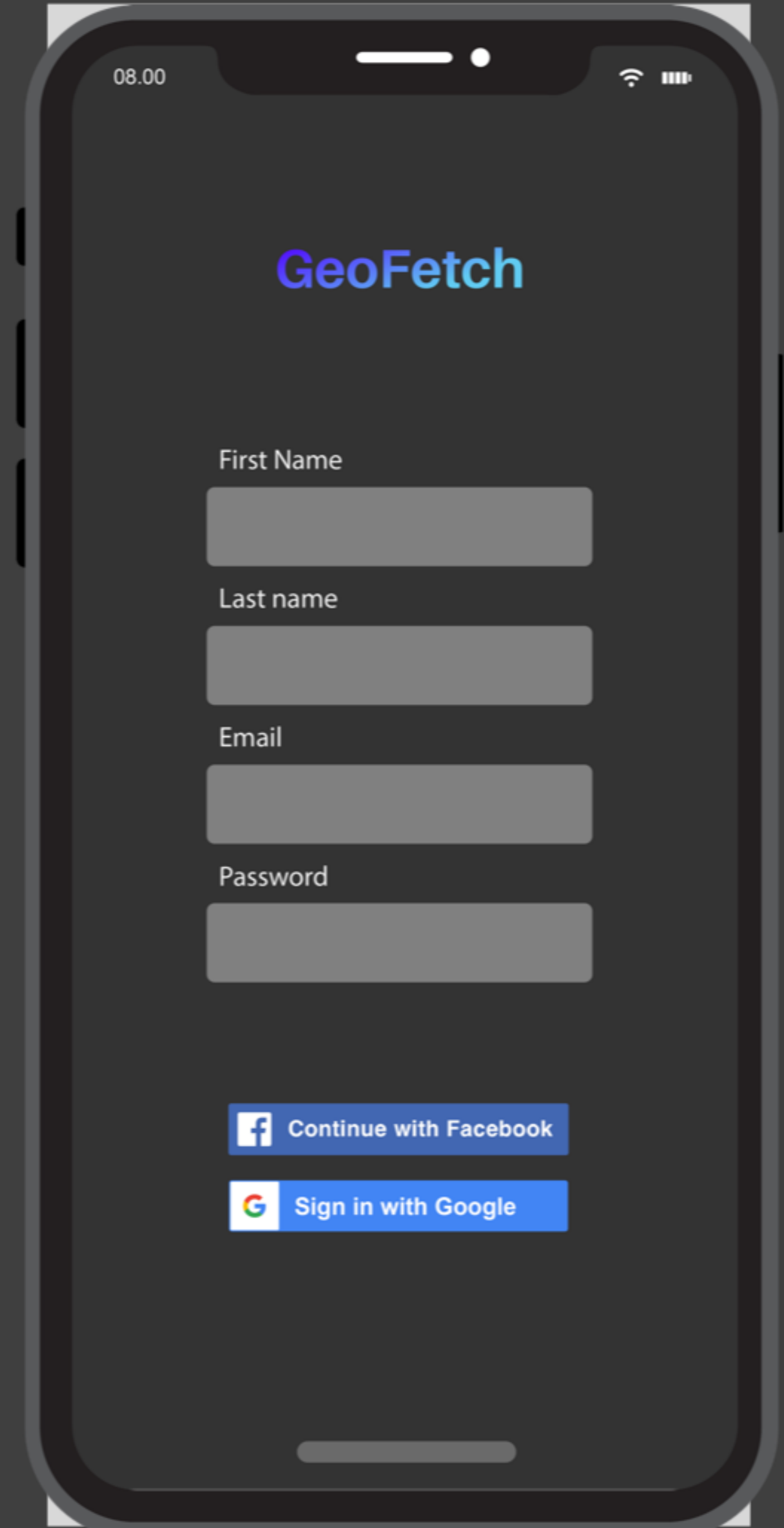


## User Story - Signup/Login

- 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



08.00


**GeoFetch**


First Name

Last name

Email

Password

 Continue with Facebook

 Sign in with Google

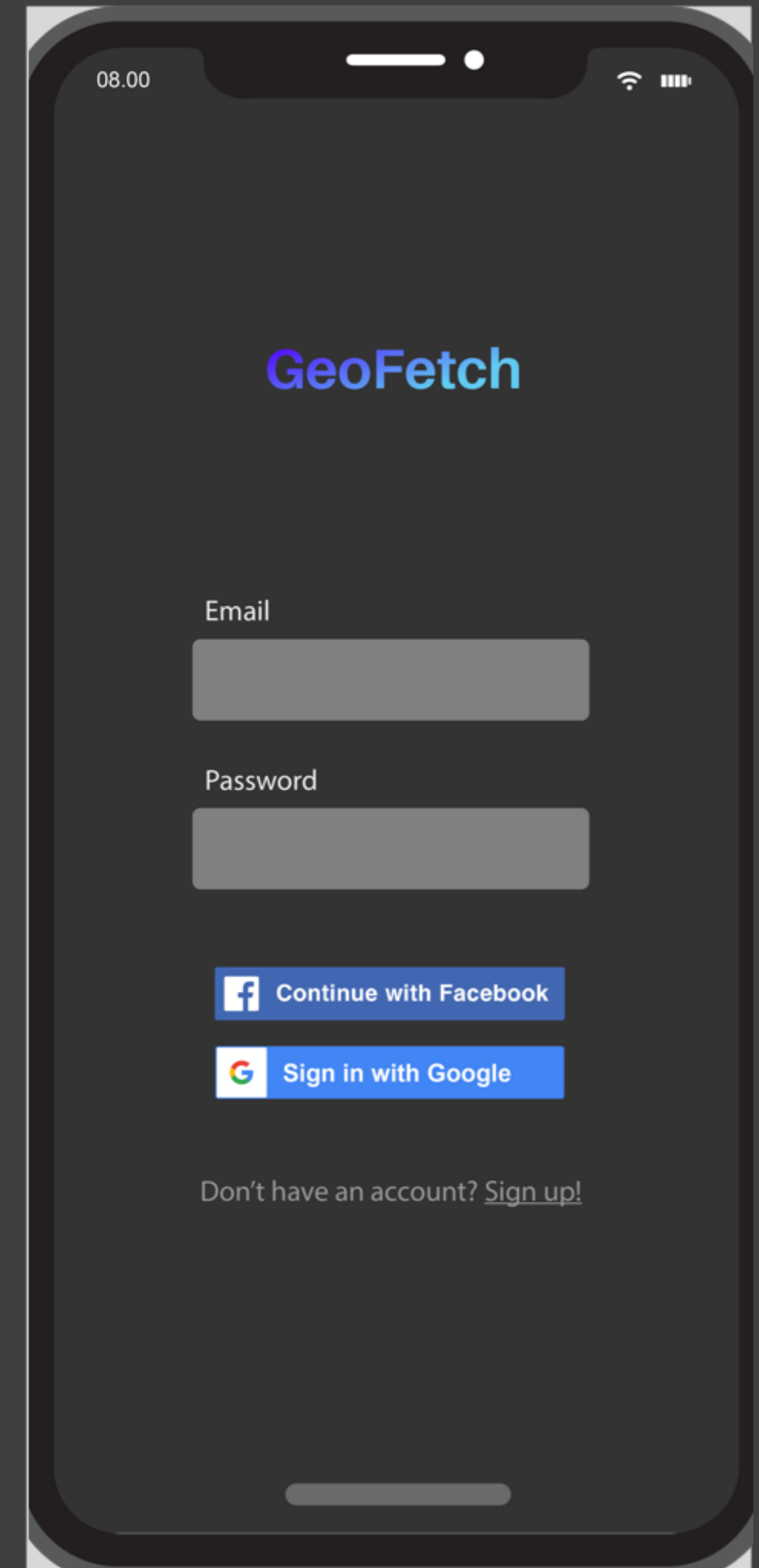
The image shows a mobile application interface for 'GeoFetch'. At the top, the status bar displays '08.00' and signal/battery icons. The app's title 'GeoFetch' is centered in a blue font. Below the title are four input fields: 'First Name', 'Last name', 'Email', and 'Password'. At the bottom, there are two buttons: 'Continue with Facebook' (with a Facebook icon) and 'Sign in with Google' (with a Google icon).

## 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

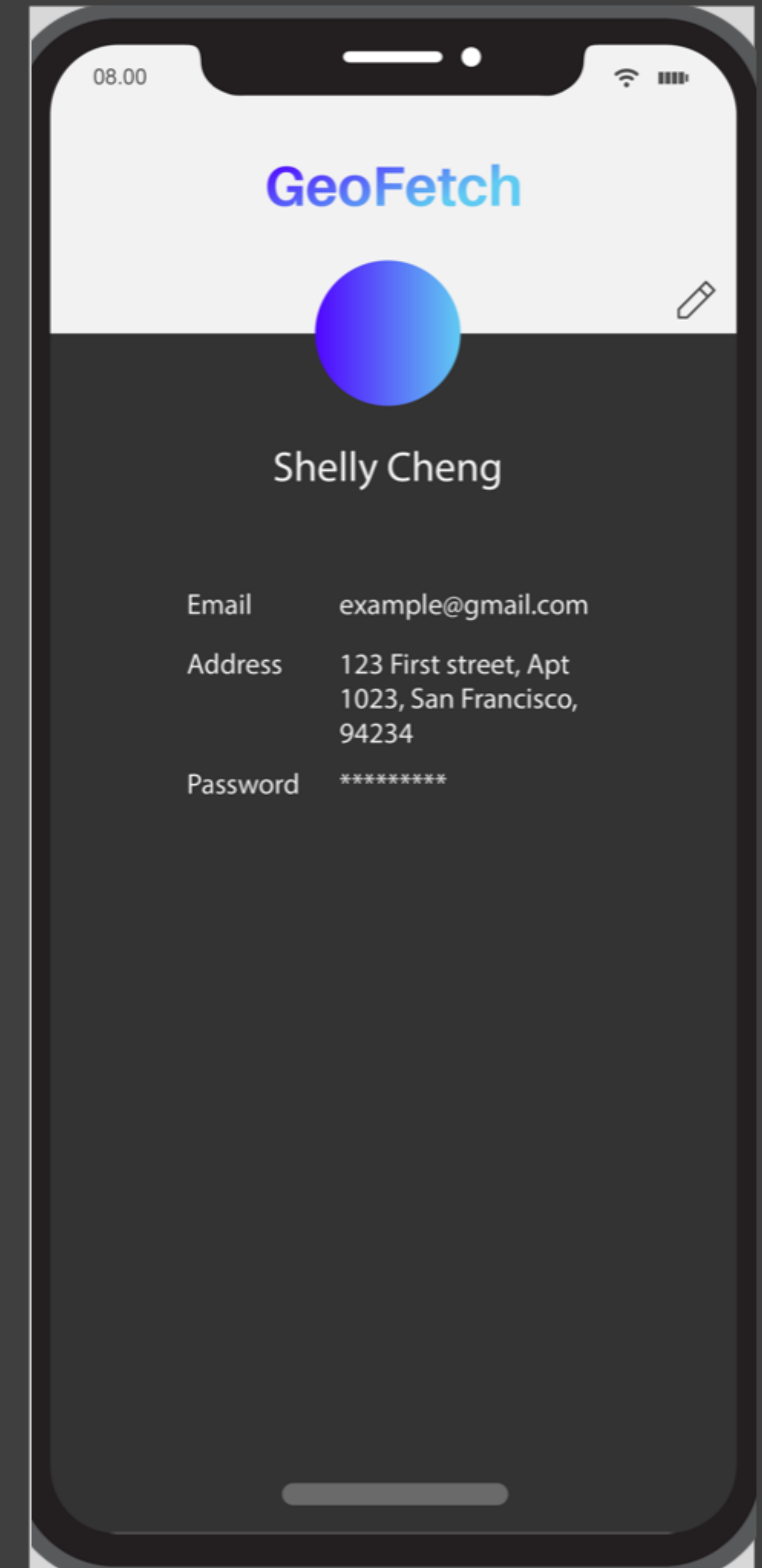


# Profile Page

## 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

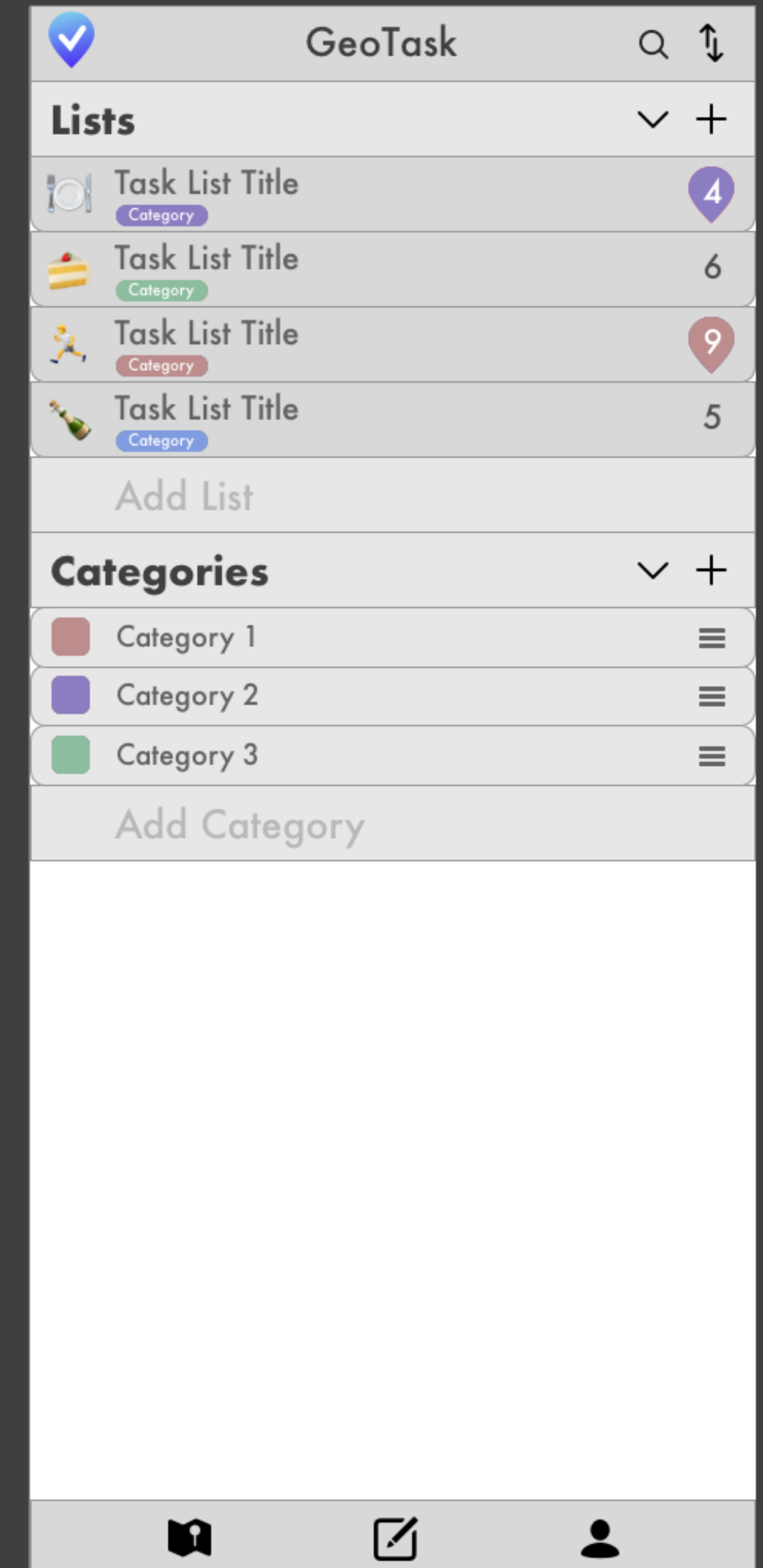
## Todos

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.
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## User Flow

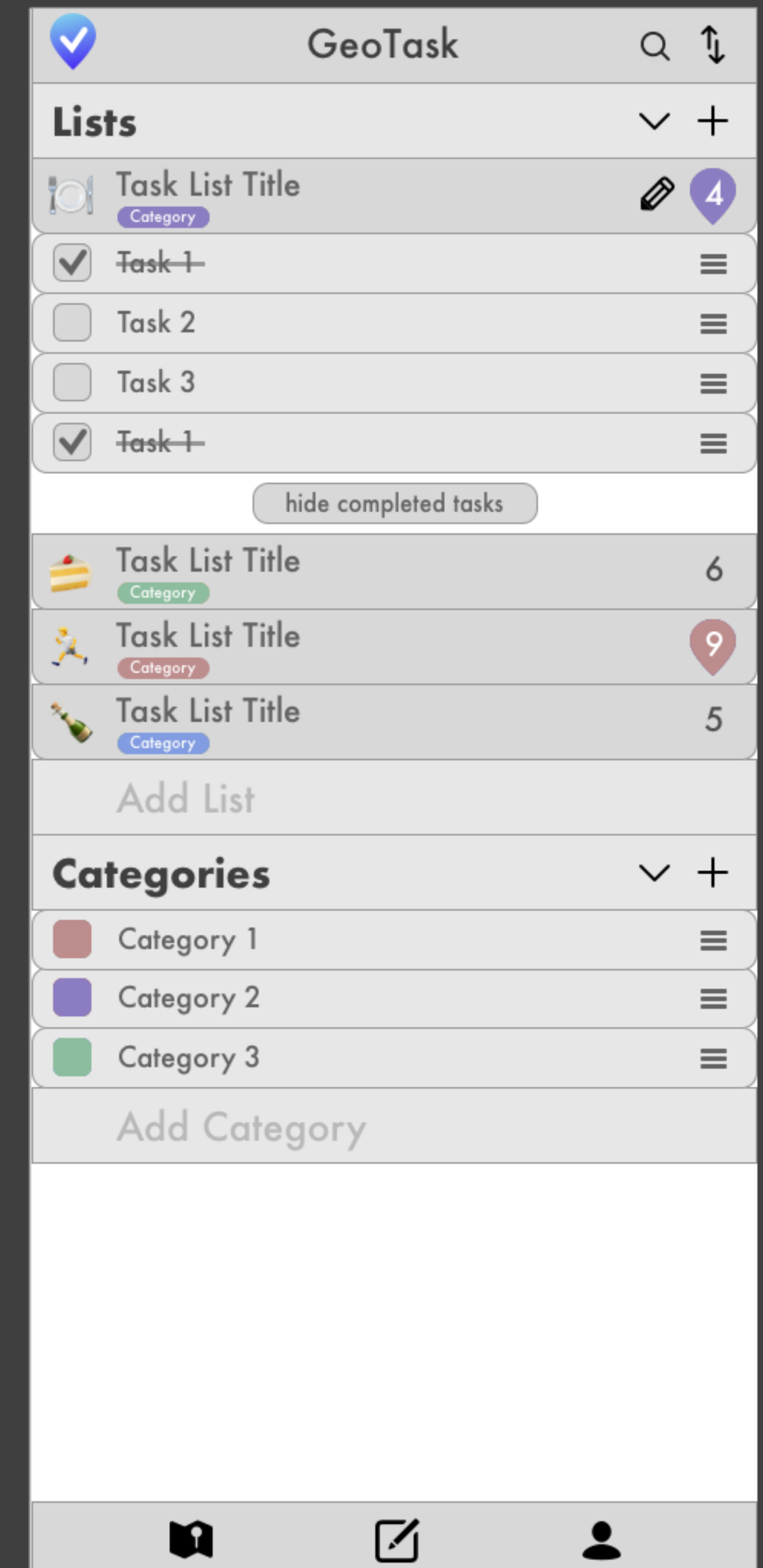


# List View - Create

## 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

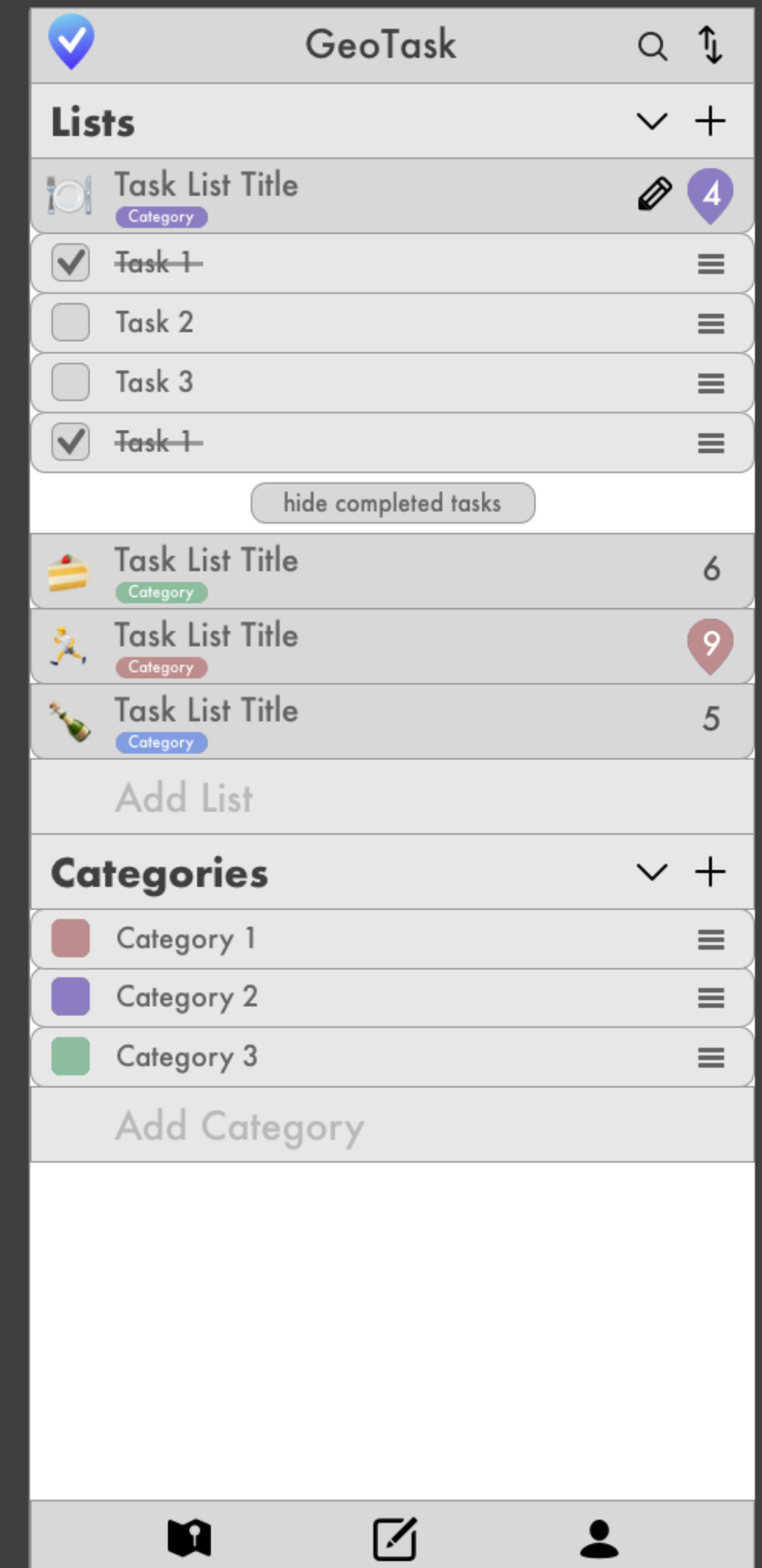


# List View - Detail

## 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



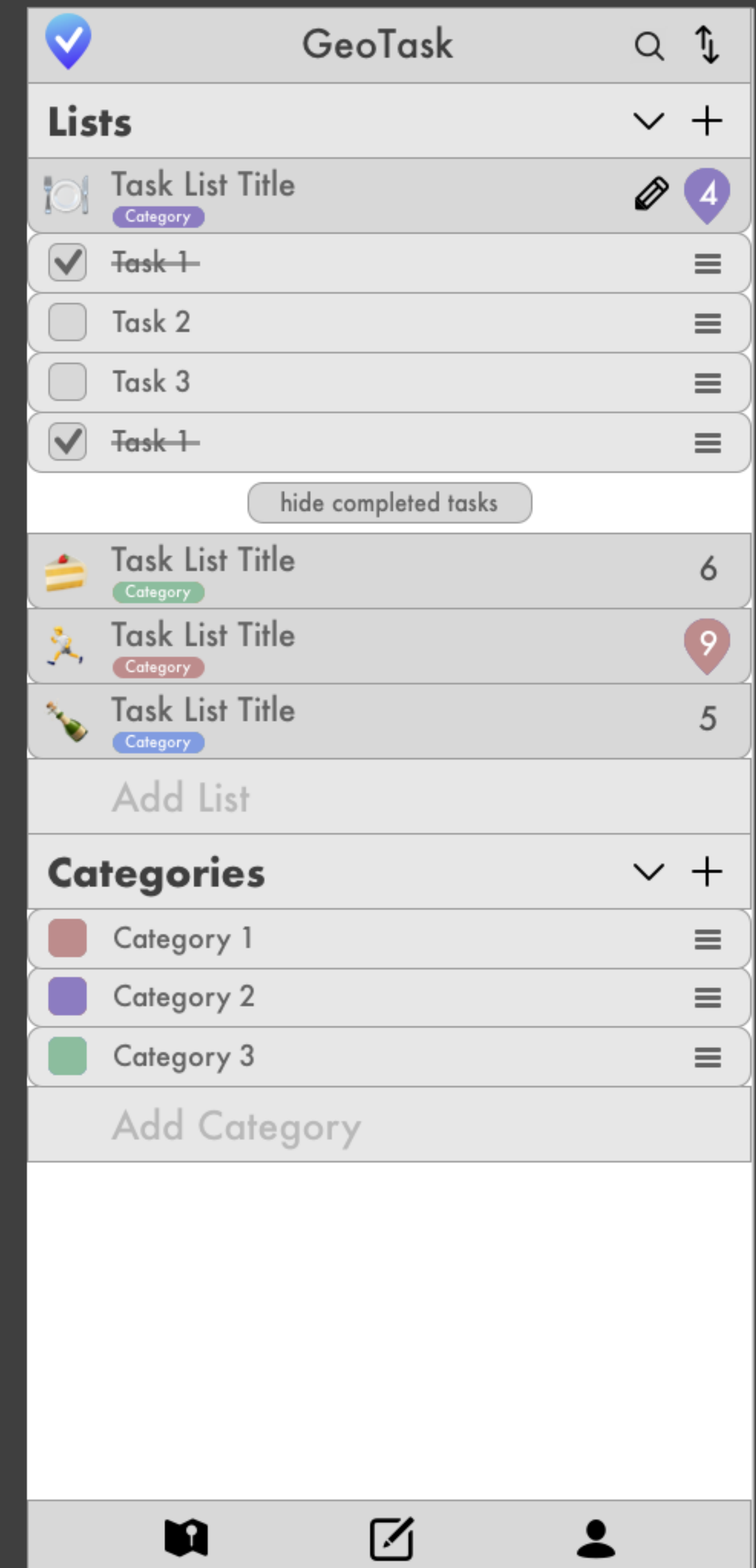
# List View - Detail - Edit

## 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.

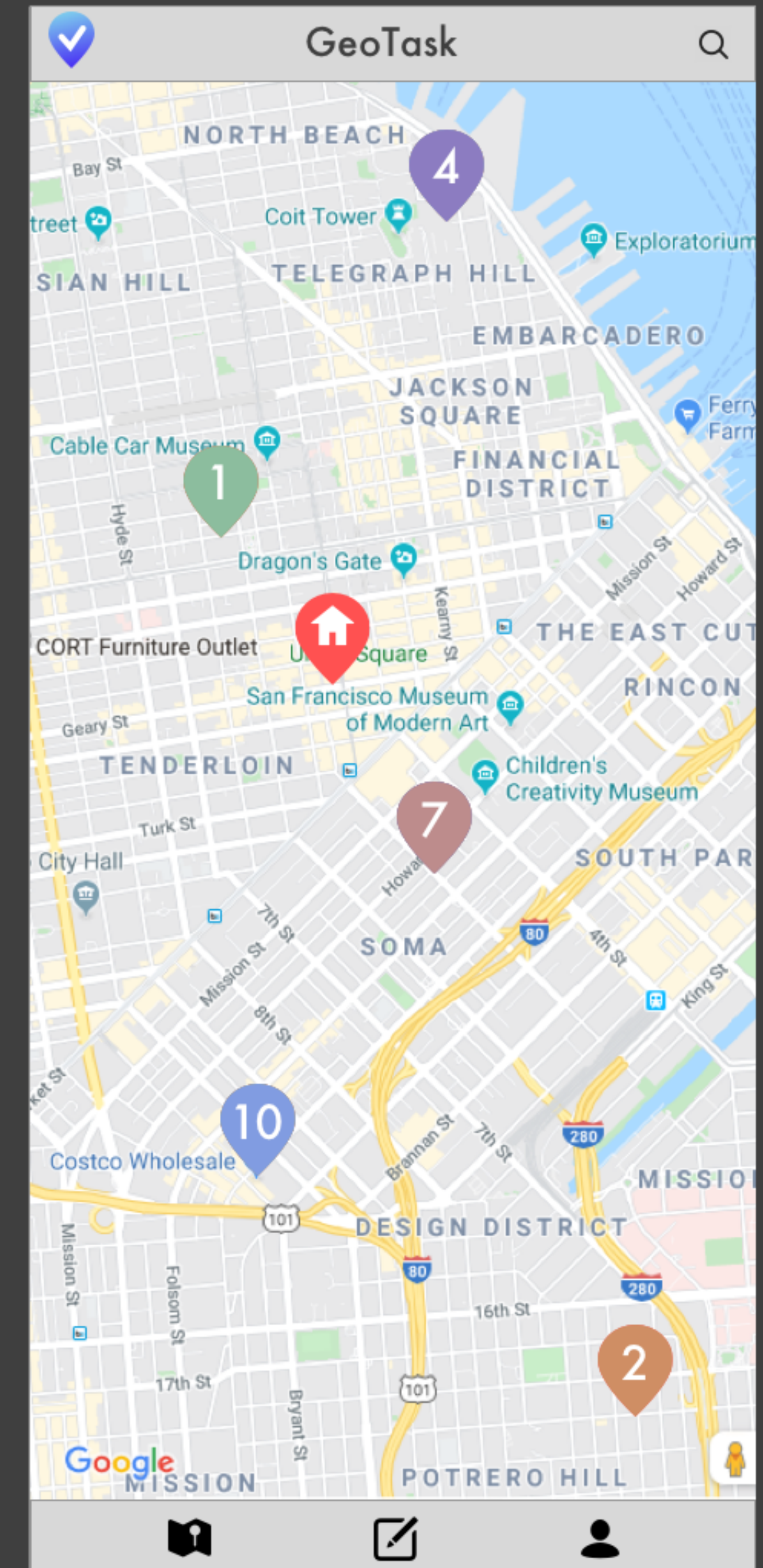




# Map View - All

## 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).

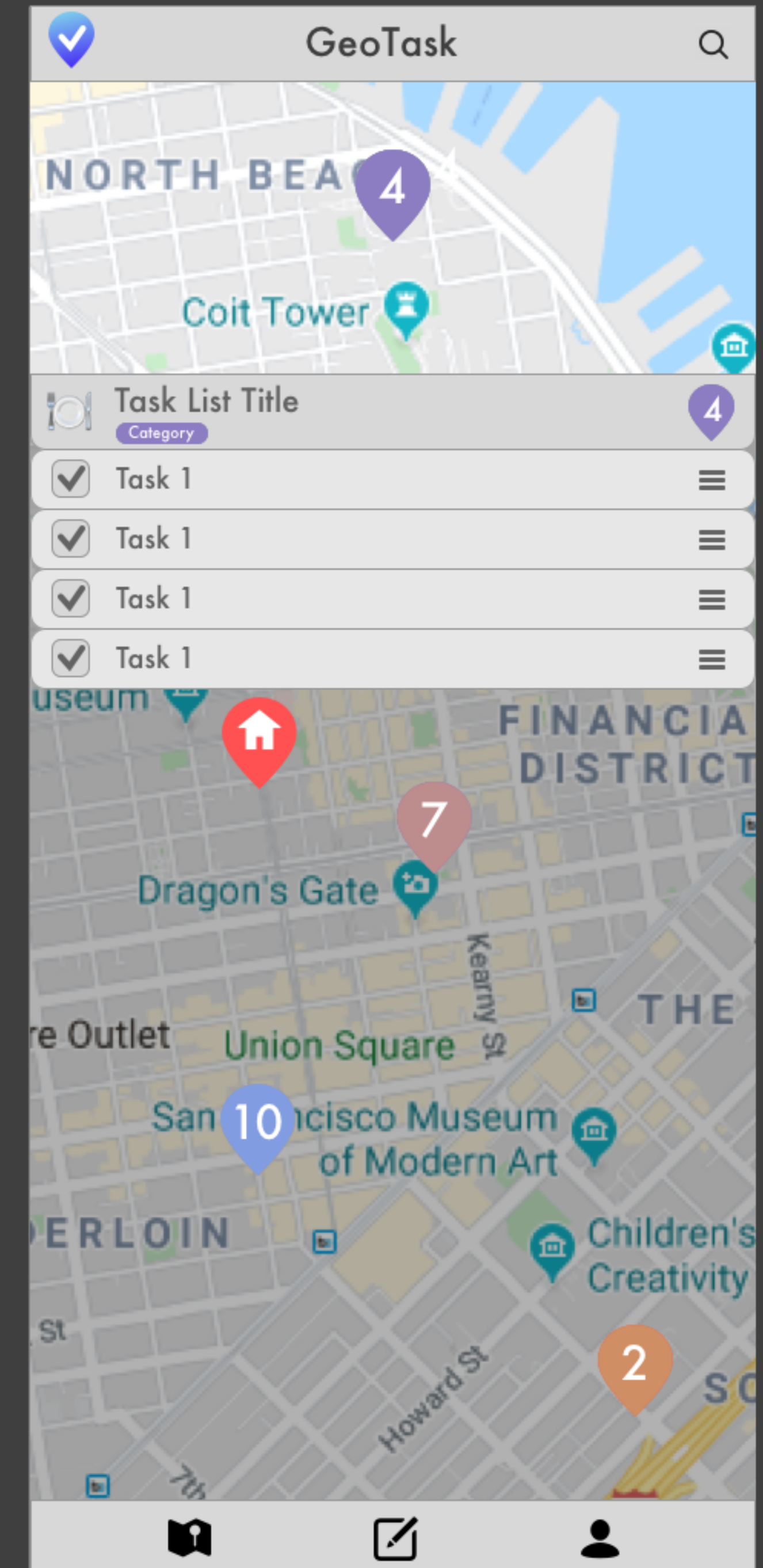




## Map View - Detail

### 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.
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# 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).

