## Startup

## Login

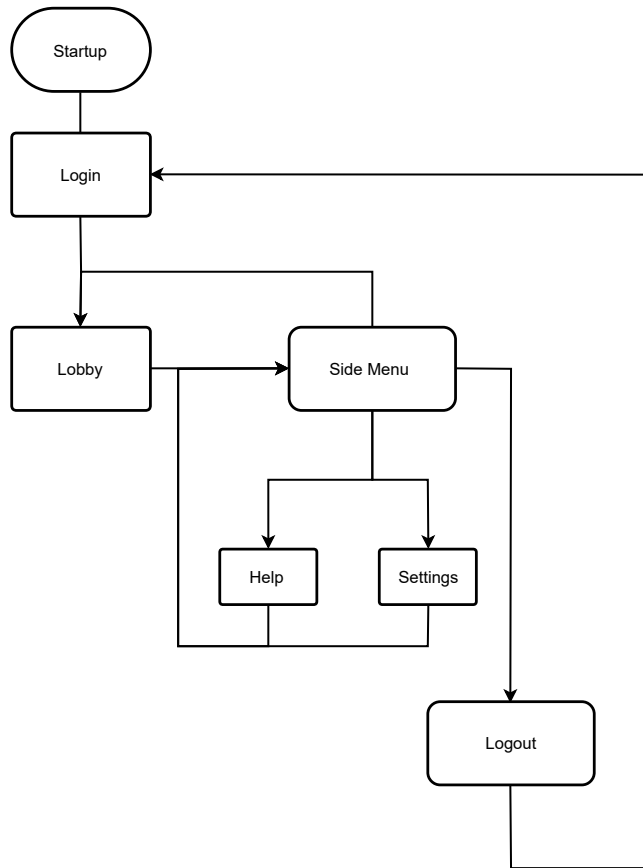## Lobby

## Side Menu

## Help

## Settings

## Logout

## Menu

On start up of the mobile application the user will be prompted to log in. After successfully logging in the user will enter the lobby where the will have a sidebar button (Hamburger button) which will have the options to log out, navigate to the Help page or Settings page. If the user selects to sign out they will be sent back to the login page.
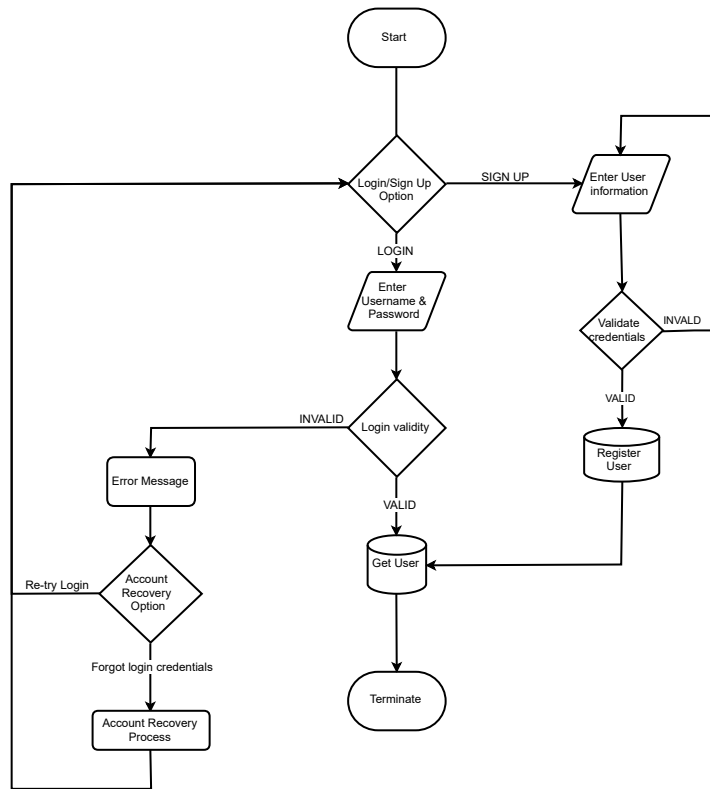
## Login

At the start of the LOGIN flowchart we have the initial Login or sign up prompt (login will be the default here). If a new user wishes to sign up that user would select Sign Up instead. After a user is successfully signed up they will be granted access to the application.

Sign Up: Here the user enters the information prompted using the syntax that is required. A user will be blocked at this stage until the proper syntax is met and the credentials are validated.

Login: Here an existing user enters the credentials to log in. If the credentials are VALID they are then verified and the user is logged in. If the credentials are INVALID a descriptive error message is displayed and the user is then able to re-try login in and has the option to recover their account and then will be prompted to log in again.

Start

Login/Sign Up Option

SIGN UP

Enter User information

LOGIN

Enter Username & Password

Validate credentials

INVALD

Login validity

INVALID

Error Message

VALID

Register User

Account Recovery Option

Re-try Login

VALID

Get User

Forgot login credentials
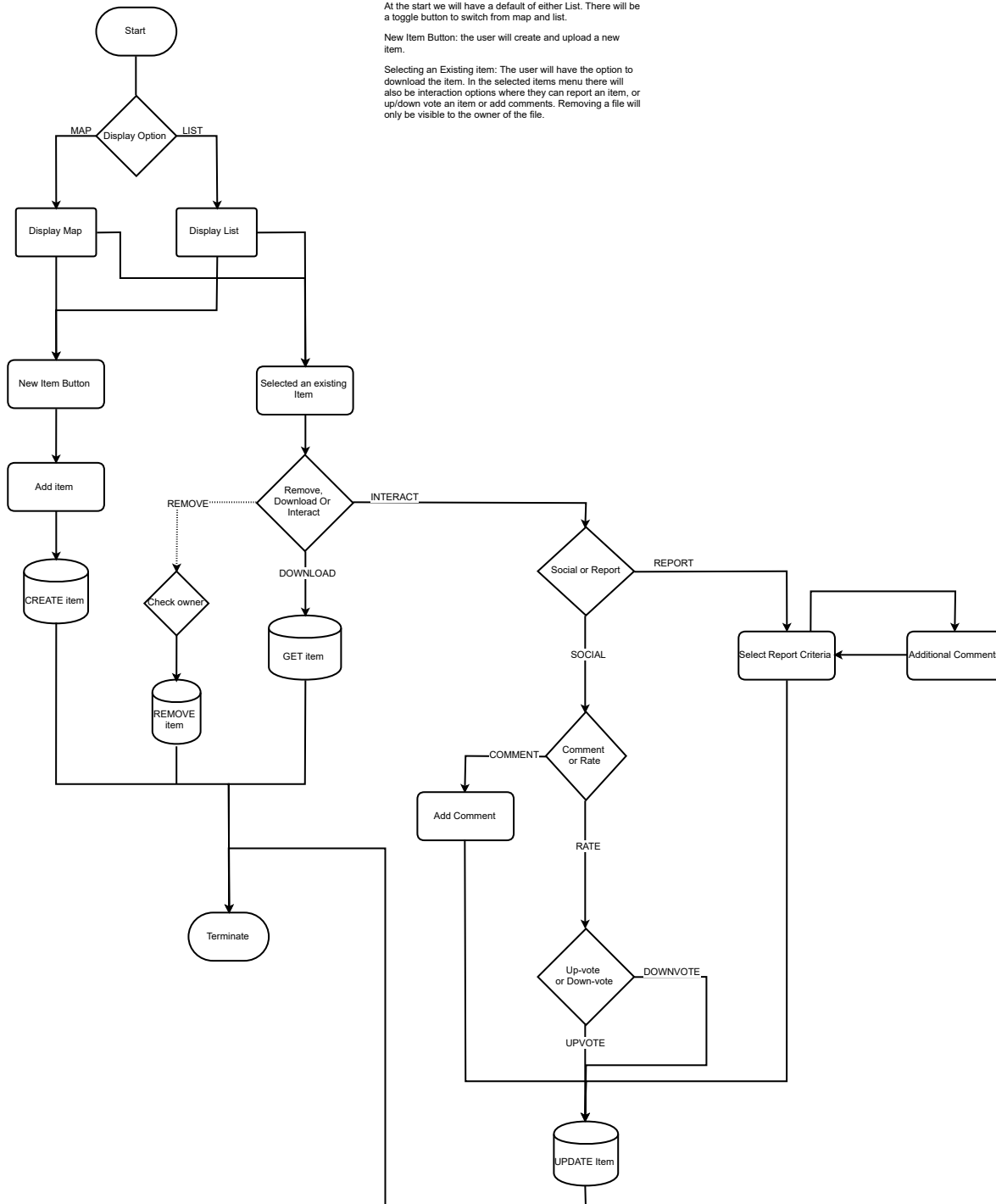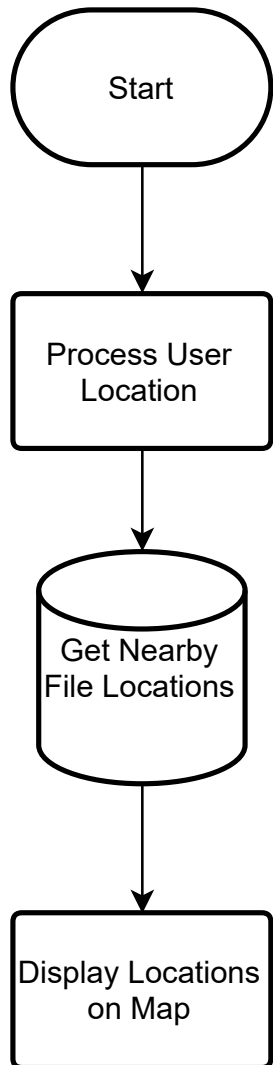
Account Recovery Process

Terminate

## Lobby

At the start we will have a default of either List. There will be a toggle button to switch from map and list.

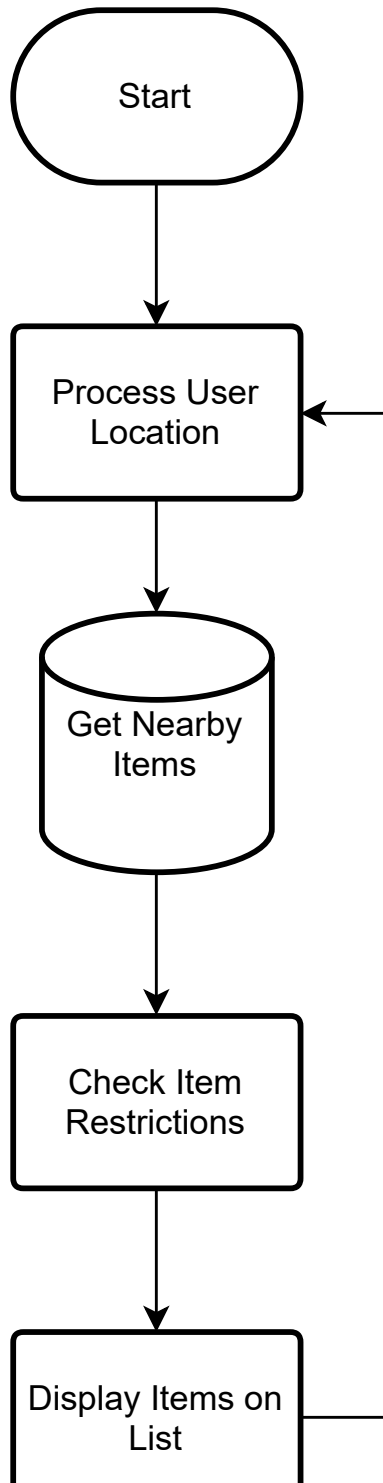New Item Button: the user will create and upload a new item.

Selecting an Existing item: The user will have the option to download the item. In the selected items menu there will also be interaction options where they can report an item, or up/down vote an item or add comments. Removing a file will only be visible to the owner of the file.

Start

Display Option
- MAP
- LIST

Display Map

Display List

New Item Button

Selected an existing Item

Add item

CREATE item

Remove, Download Or Interact
- REMOVE
- DOWNLOAD
- INTERACT

Check owner

REMOVE item

GET item

Social or Report
- REPORT
- SOCIAL

Select Report Criteria

Additional Comments

Terminate

Comment or Rate
- COMMENT
- RATE

Add Comment

Up-vote or Down-vote
- DOWNVOTE
- UPVOTE

UPDATE Item

Start

Process User
Location

Get Nearby
File Locations
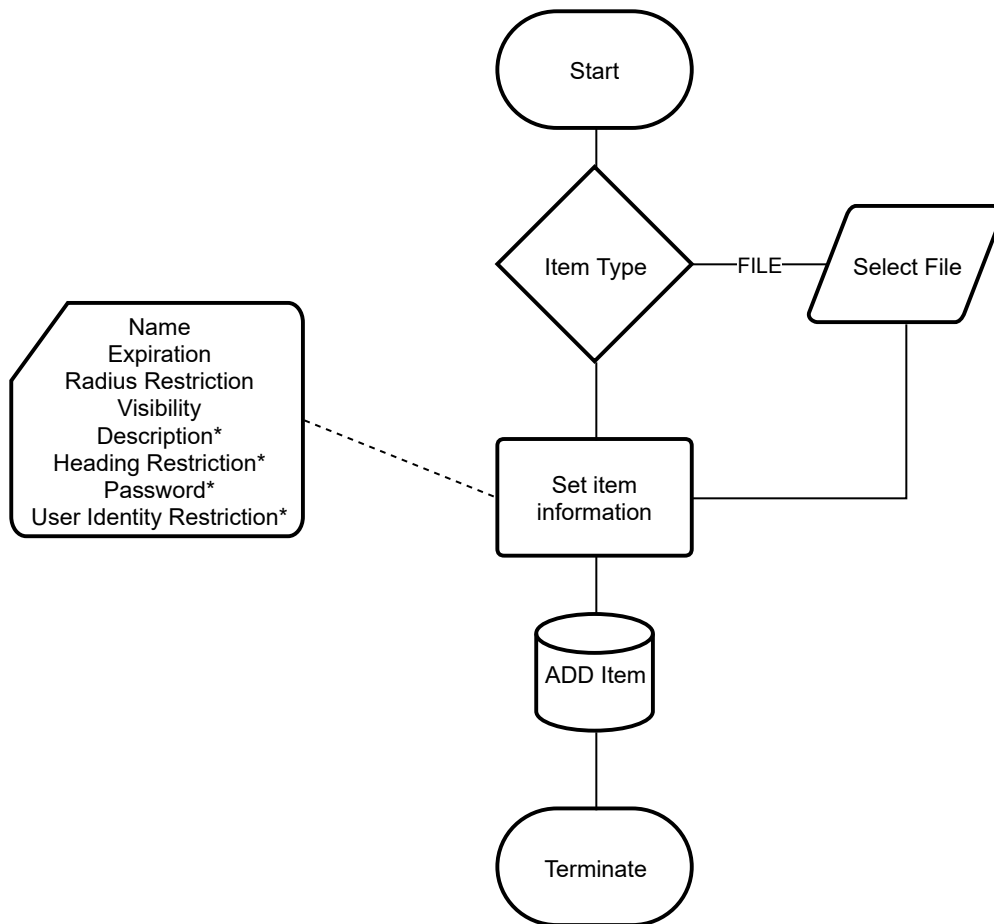
Display Locations
on Map

# Display Map

- Once the user presses on the Map option to display files, they will be transported into a google map view based on their location.
- The application will query all of the file locations relevant to the user's location and display them on the map
- There are three limitations on what you can see on the map view.
  - Business files will always be viewable no matter the distance of the user
  - The outer circumference will have a top-level view of the documents but the user will not be able to interact with them

```
   ┌─────────────┐
   │    Start    │
   └──────┬──────┘
          │
          ▼
   ┌─────────────┐
   │ Process User│◄──────┐
   │  Location   │       │
   └──────┬──────┘       │
          │              │
          ▼              │
   ┌─────────────┐       │
   │ Get Nearby  │       │
   │   Items     │       │
   └──────┬──────┘       │
          │              │
          ▼              │
   ┌─────────────┐       │
   │ Check Item  │       │
   │Restrictions │       │
   └──────┬──────┘       │
          │              │
          ▼              │
   ┌─────────────┐       │
   │Display Items│───────┘
   │  on List    │
```
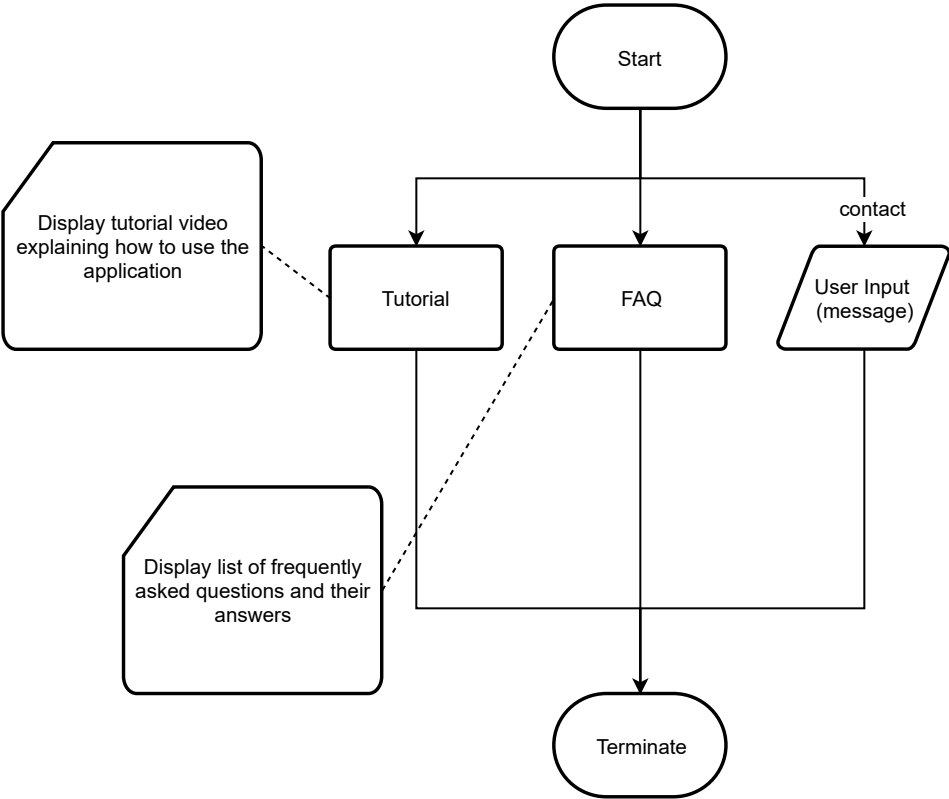
# Display List

The user starts at the lobby in which they will be able to see a list of files and threads in which they can interact with but will not have any other information of other files if they are not within the distance restriction.

Start

Item Type ——FILE—— Select File

Name
Expiration
Radius Restriction
Visibility
Description*
Heading Restriction*
Password*
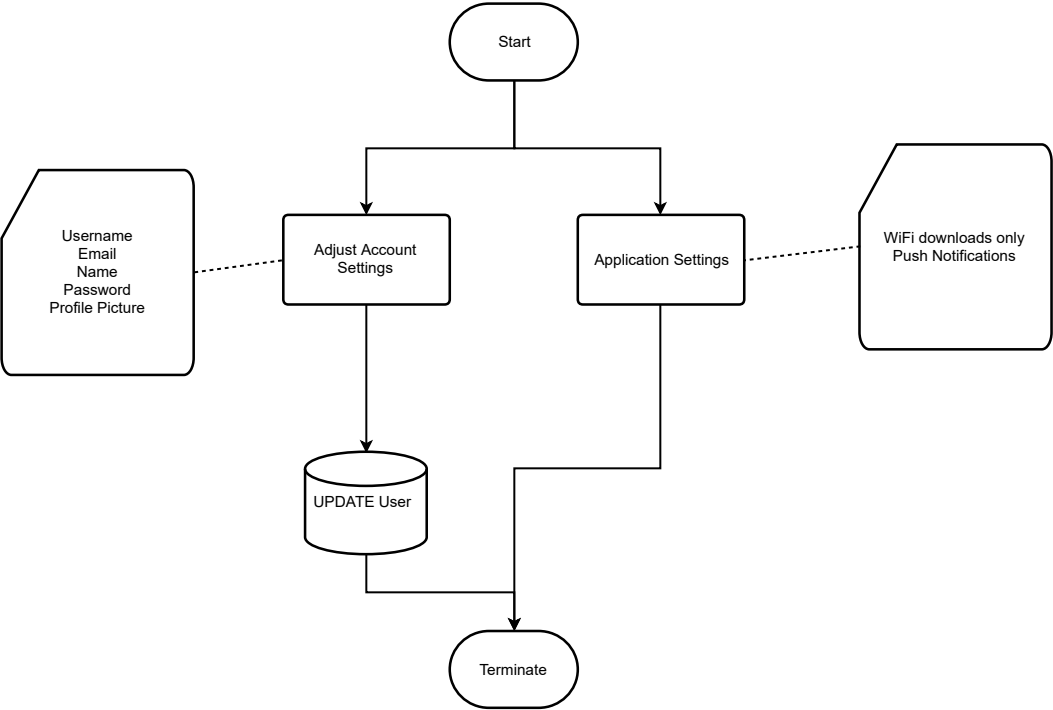User Identity Restriction*

Set item
information

## Add Item

Interface for user to add an item
(room or file) to the database.
User must set item name,
expiration, radius restriction,
visibility and may optionally set a
description, heading restriction,
password and user identity
restrictions

ADD Item

Terminate

High level ui

Start

Display tutorial video explaining how to use the application

Tutorial

FAQ

contact

User Input (message)

Display list of frequently asked questions and their answers

Terminate

HELP

Help screen that provides a tutorial, faq, and a

form for contact.

Start

Username
Email
Name
Password
Profile Picture

Adjust Account
Settings

Application Settings

WiFi downloads only
Push Notifications

## Settings

This is where the user will able to toggle specific settings to provide a method to enhance their user experience throughout the application

UPDATE User

Terminate