

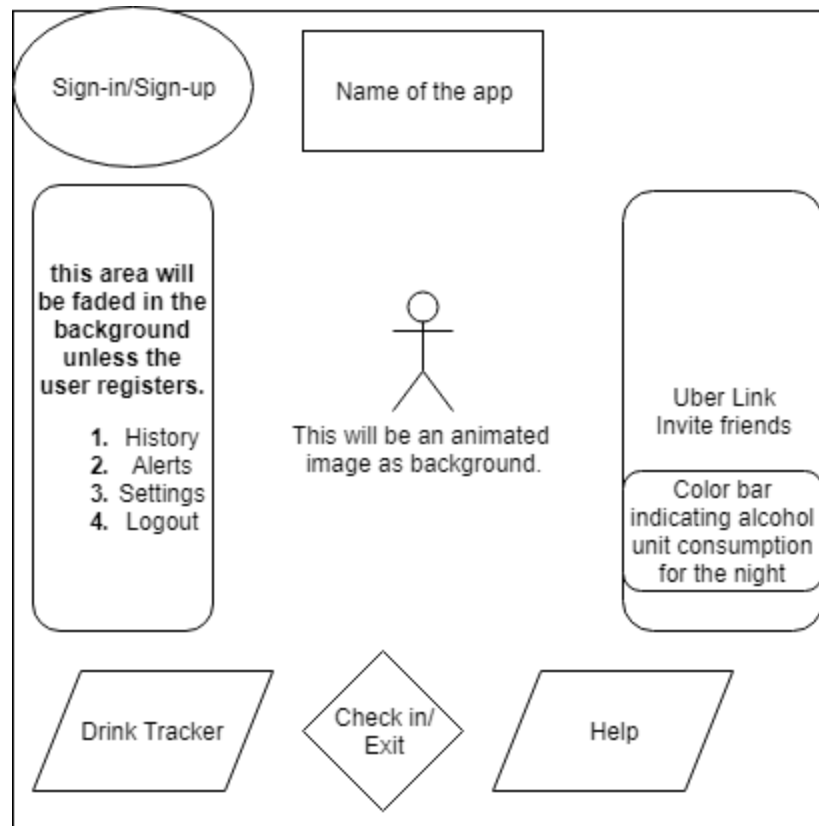
### **Project 3 - Brady, Burke, Foroudastan, Moss, Mullen**

Our application is a companion to anyone going out for a night on the town. By simply clicking a button, the user can keep track of where they've left their credit card on an open tab (or where they've left their coat, their friend, etc.) and be notified if they start to leave without it (them). It just takes one more click to track each drink consumed and the window of time of consumption. With that information, the app displays a rough blood/alcohol level to help the user drink responsibly.

#### **Technical Overview:**

- The application uses geolocation to track proximity to whatever point the user has chosen to "check in". Tracking movement allows us to notify the user in case they start to leave the location without closing their tab/retrieving their credit card/retrieving their friend, etc..
- This application tracks the number and timing of drinks consumed and uses standard equations to calculate a rough blood alcohol content to display numerically and graphically.
- Friends can be contacted - and automatically provided with a maps link to the location - with two purposes in mind: either "socially" to invite them to join, or "for assistance" to ask them to pick the user up.
- A link to Uber is provided for hailing a ride. Drink thresholds prompt the user to use the link.
- Additional features are provided for logged-in users.

## UI/UX flow diagram:



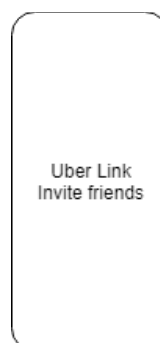
**The following elements are for any user, logged-in or not**

This button will lead the user to signin/signup screen view.



Uber link will bring up the Uber app.

Invite friends will broadcast the user location to the chosen friends from their contacts.



This button keeps count of units of alcohol over period of time.



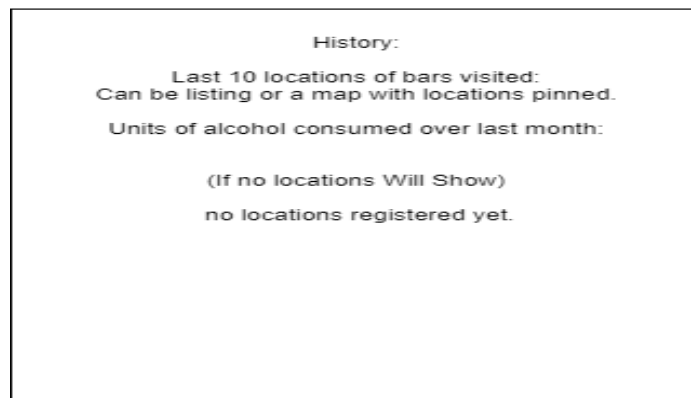
This button will send a message to emergency contact informing the contact of the user's extreme intoxication.



**The following elements are for logged in users only:**

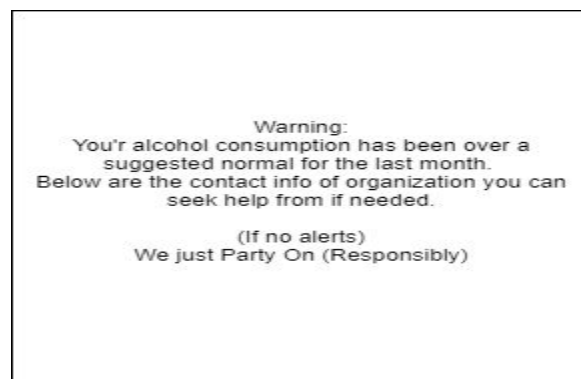
**History:**

This view will have information about previous alcohol consumption and locations of bars visited on previous days.



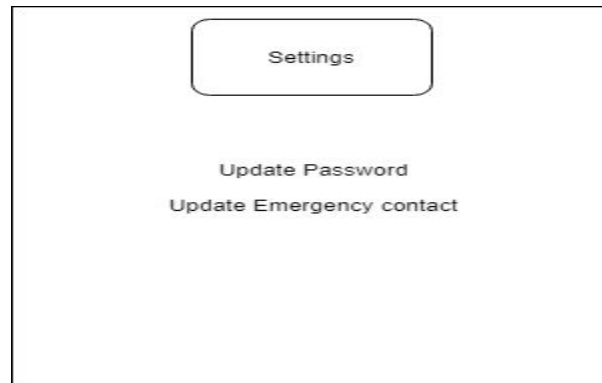
**Alerts:**

Provides warning messages if alcohol consumption has been more than normal over period of time.



### Settings:

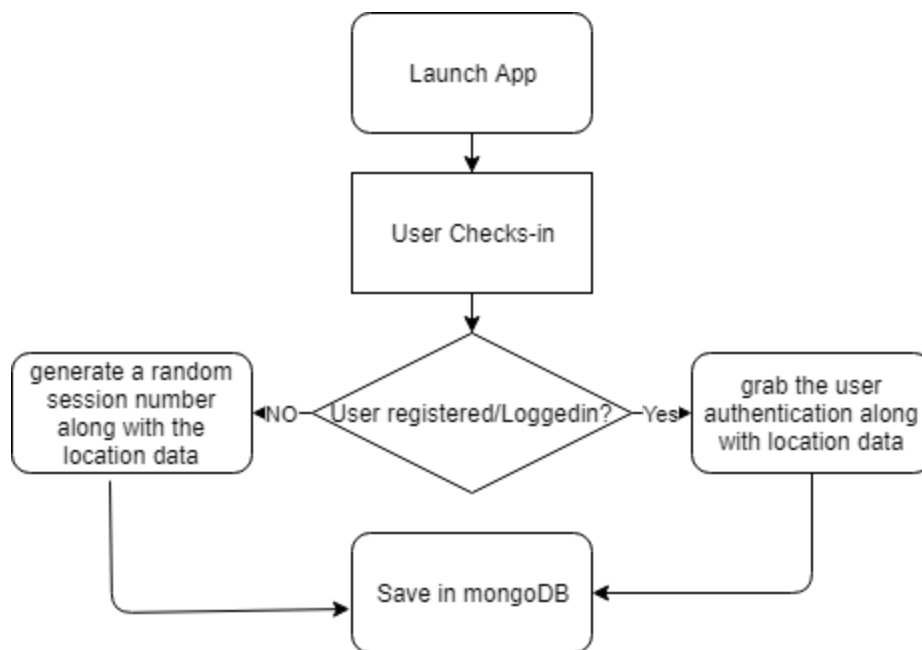
User will be able to update their profile info like password reset or emergency contact info update.

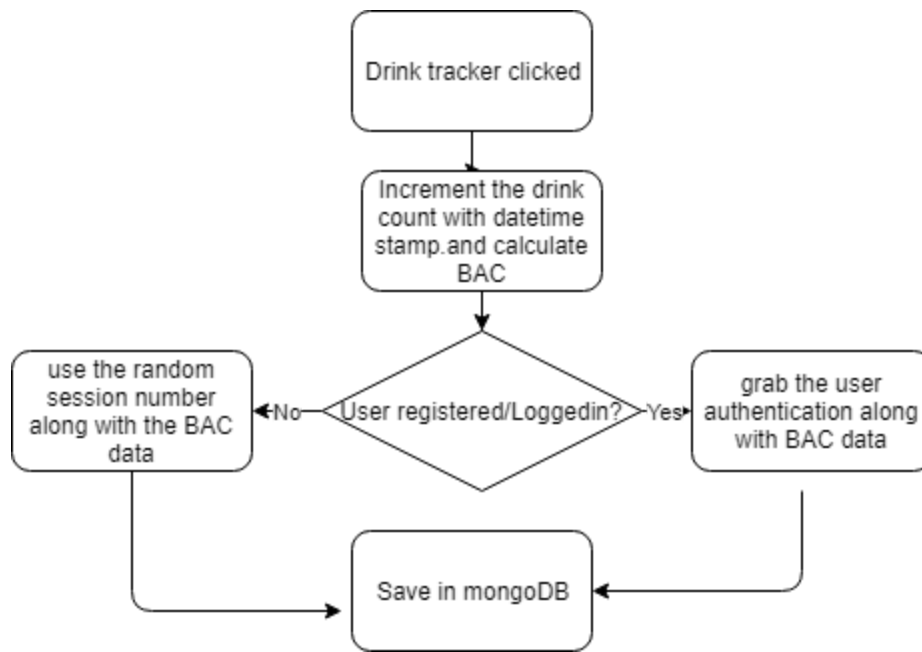


### Logout:

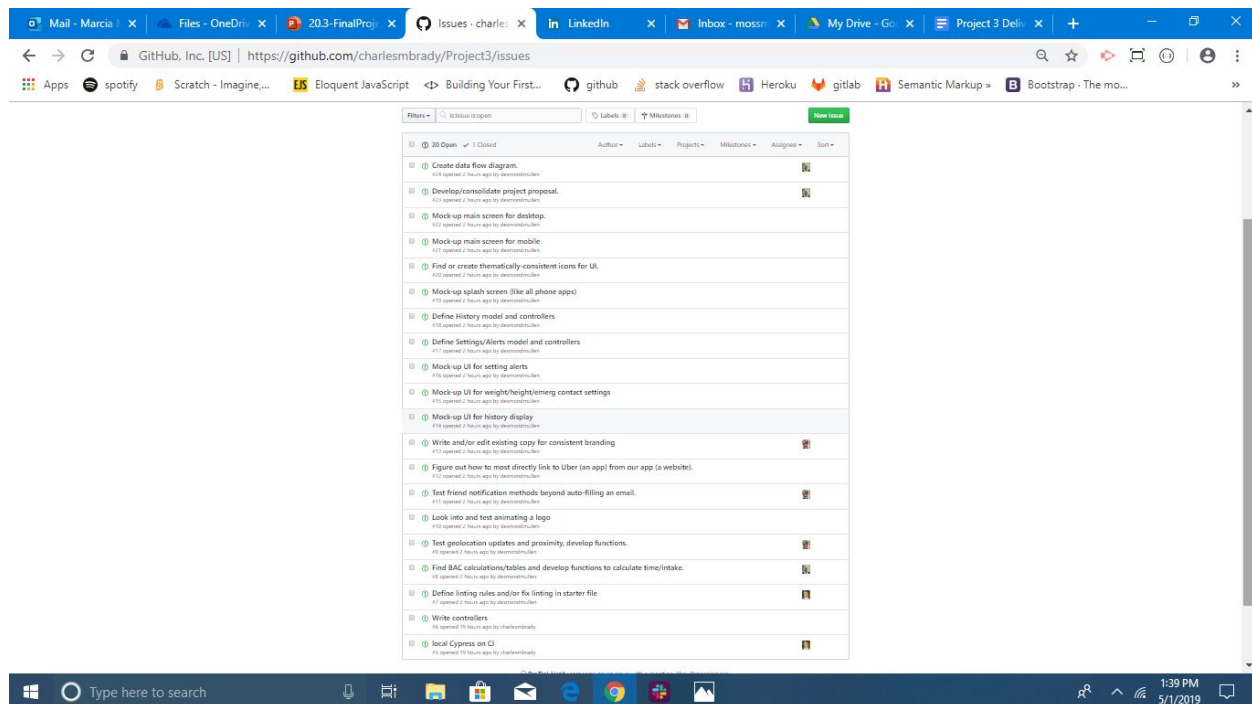
Self explanatory.

### Data-Flow:





## Tasks Breakdown Screenshot:



## General breakdown of roles:

- Front-end: Hooman, Charles, Amy.
- Back-end: Marcia, Desmond.

Our intent is for each team member to be involved in all aspects of the app.

# UI/UX flow diagram

