



GoParking

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App Description

GoParking is a Maps & Navigation app inspired by the considerable competition for affordable parking spots in urban areas these days. GoParking serves as a communication platform for connecting people who want to rent extra parking spaces and people who want to reserve parking spots in advance.



Goals

Highest Priority

Users must be able to:

1. add a new listing of parking space
2. modify or delete listings that they have created
3. view users who have made reservation requests
4. approve reservation requests
5. search by location and check in check out dates and browse all the listings that are available in that location during those days
6. make a reservation request
7. view reservations

Medium Priority

Users should be able to:

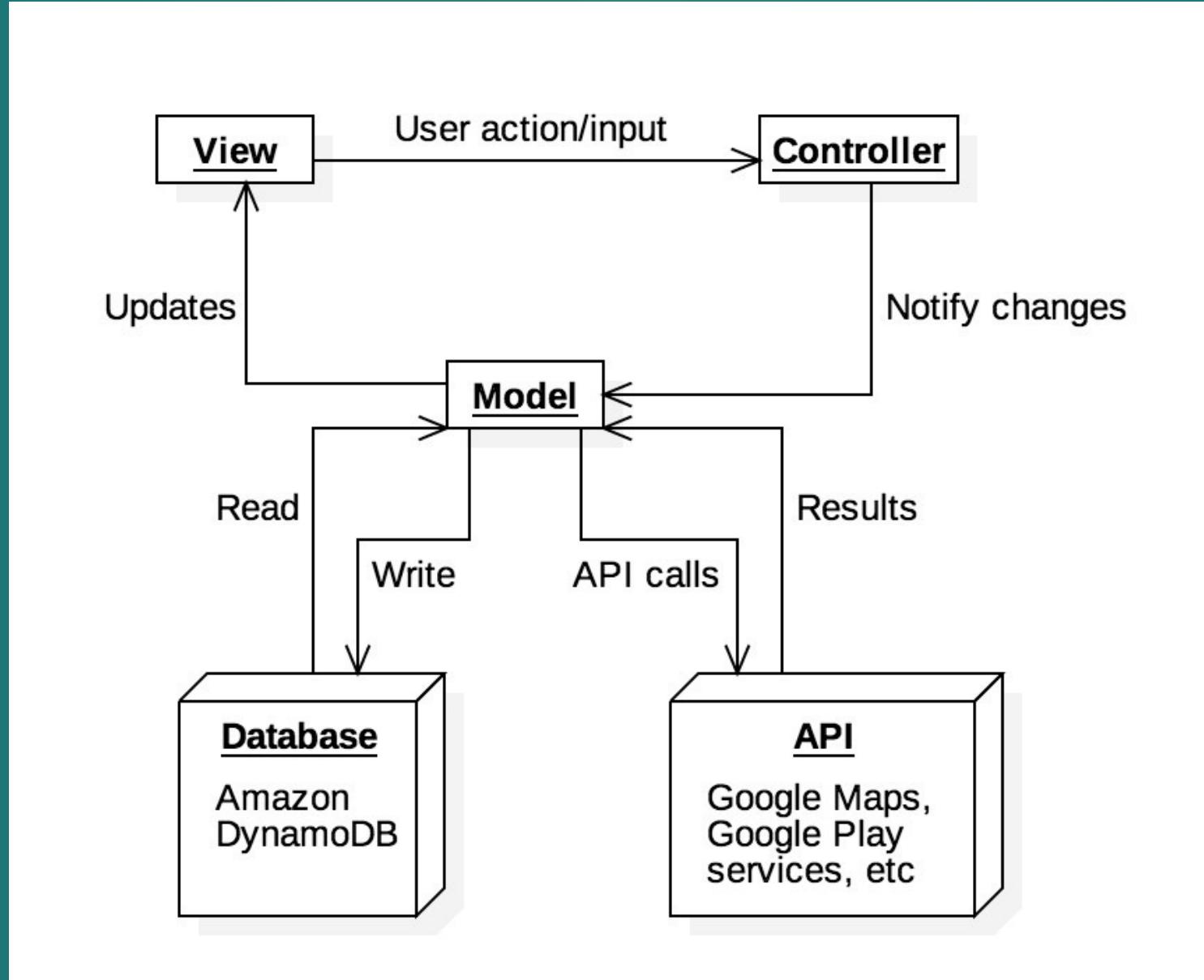
1. receive notifications when someone has made a reservation request for listings they own
2. leave star ratings or comments
3. bookmark listings they are interested in

Low Priority

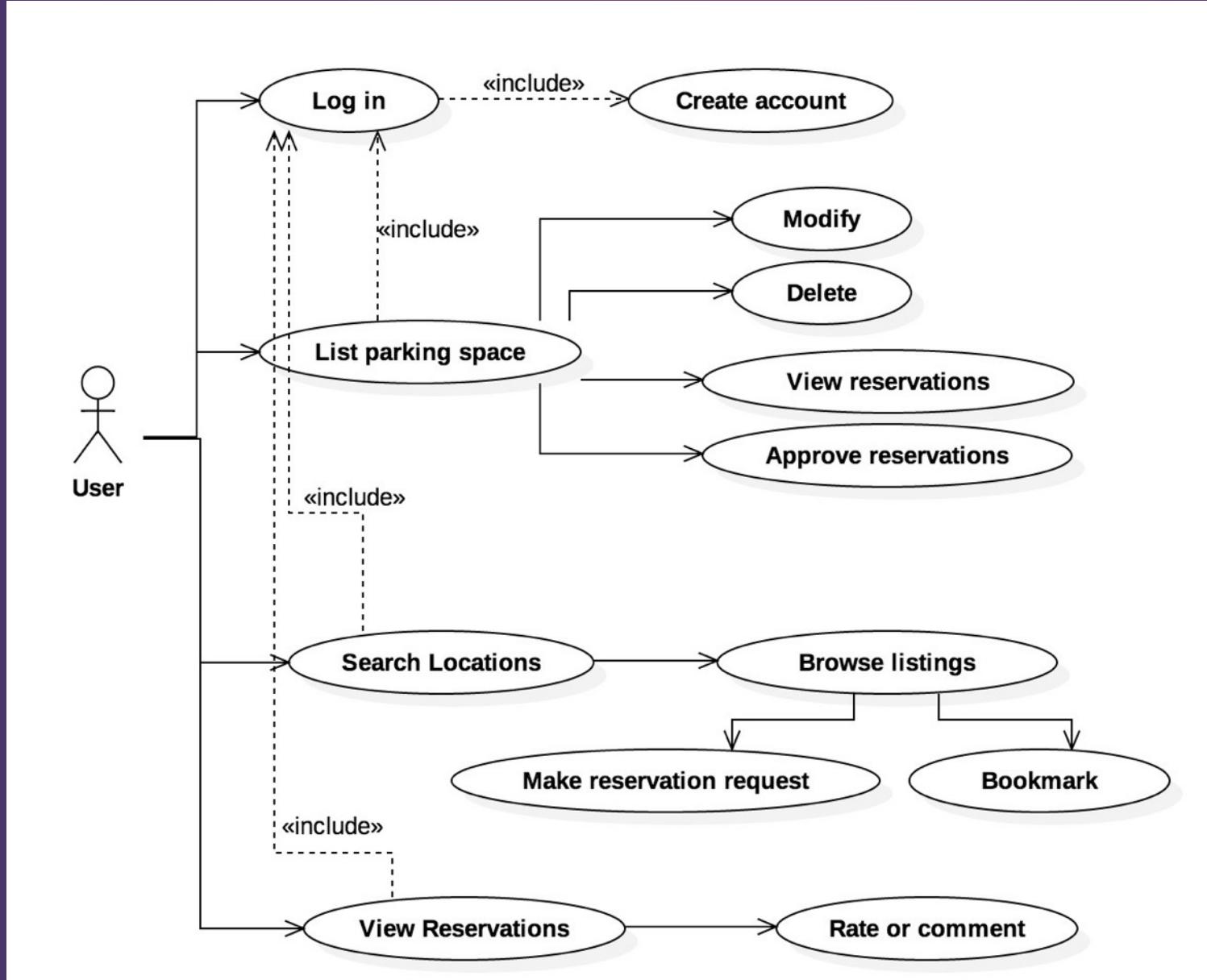
It would be nice to have:

1. Sorting options when displaying search results (e.g. sort by price, rating, or recency)
2. A “Watch List” to allow users to receive notifications when new listings open up in the locations in their watch list

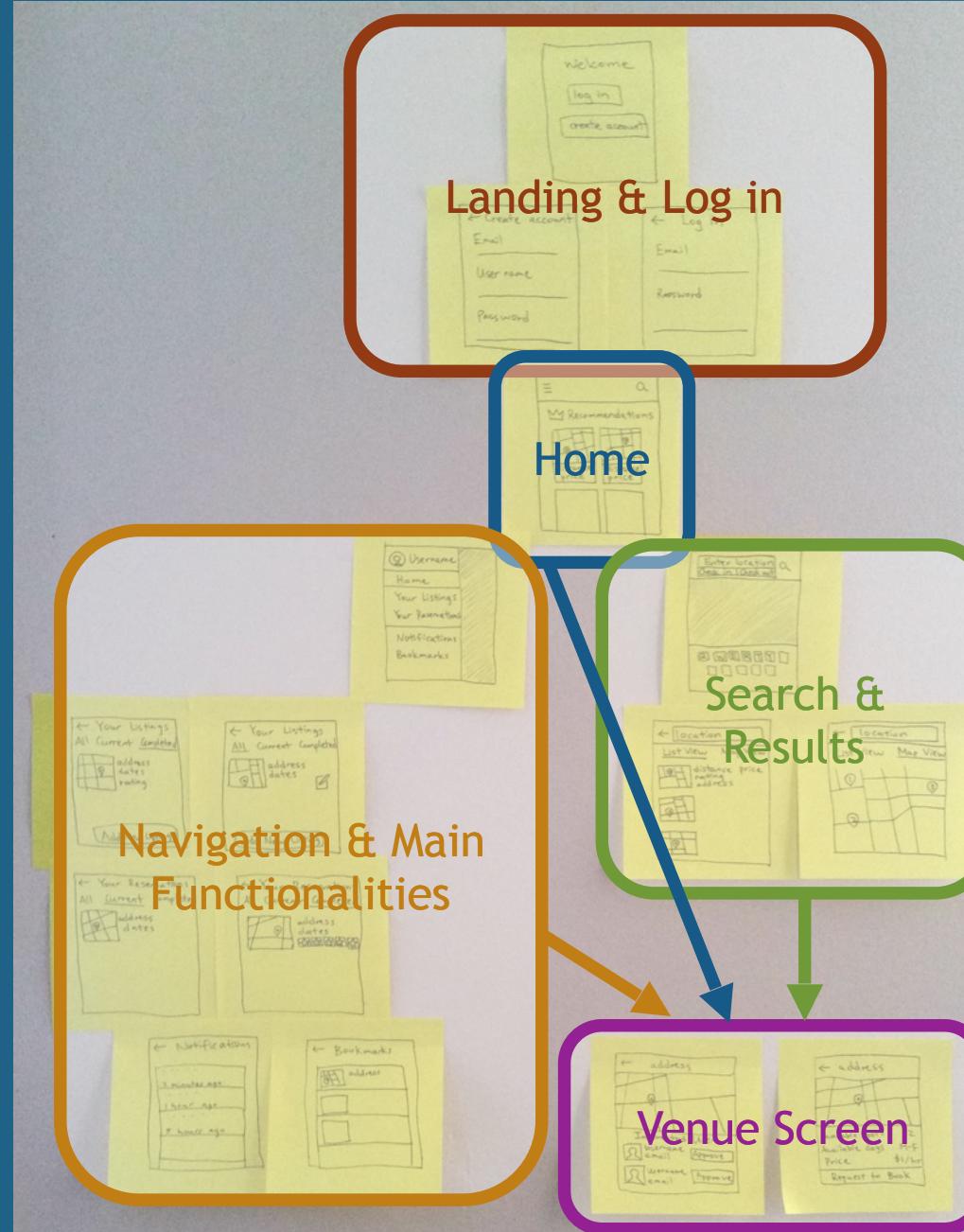
Overall Architecture



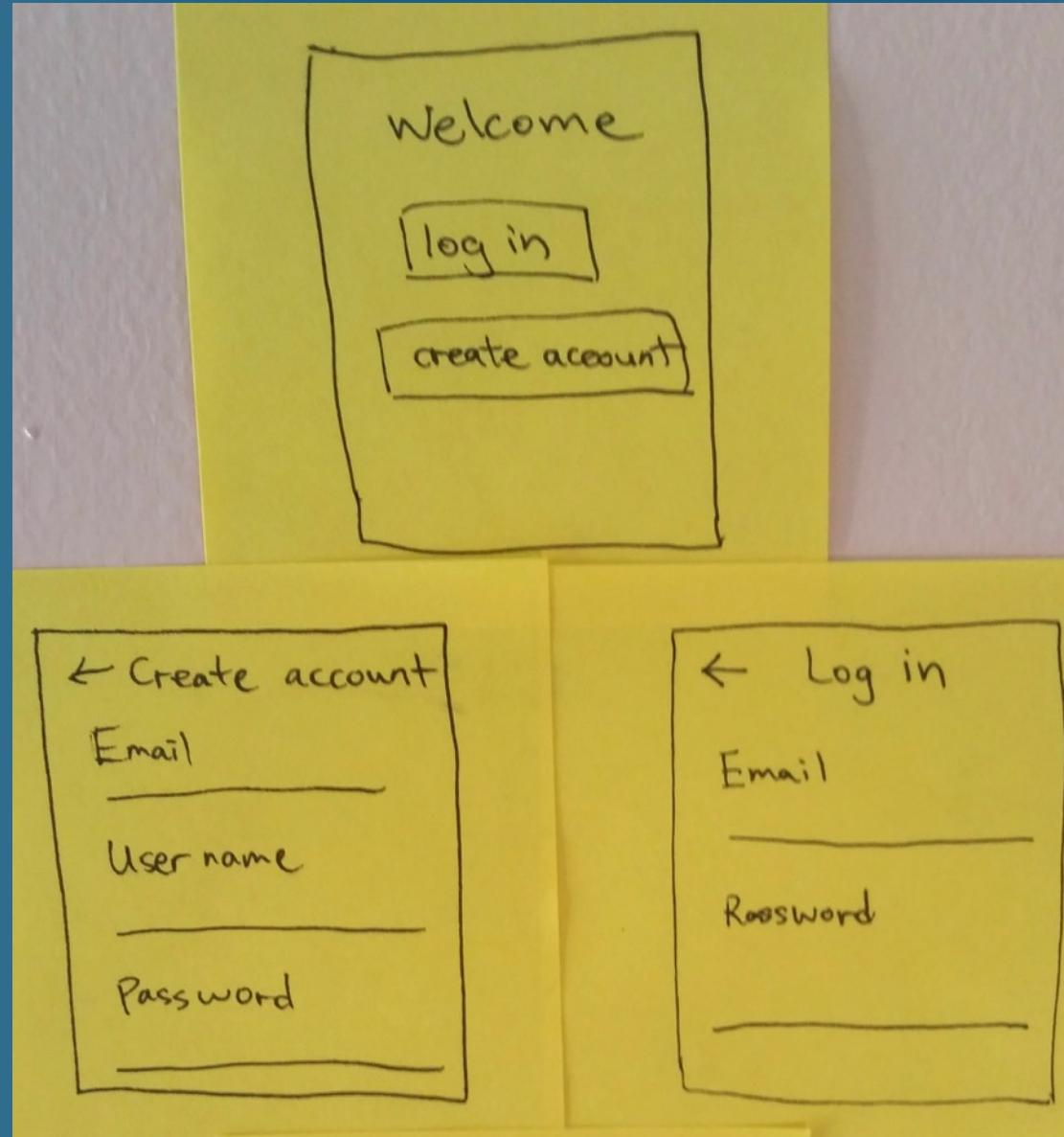
Application Flow



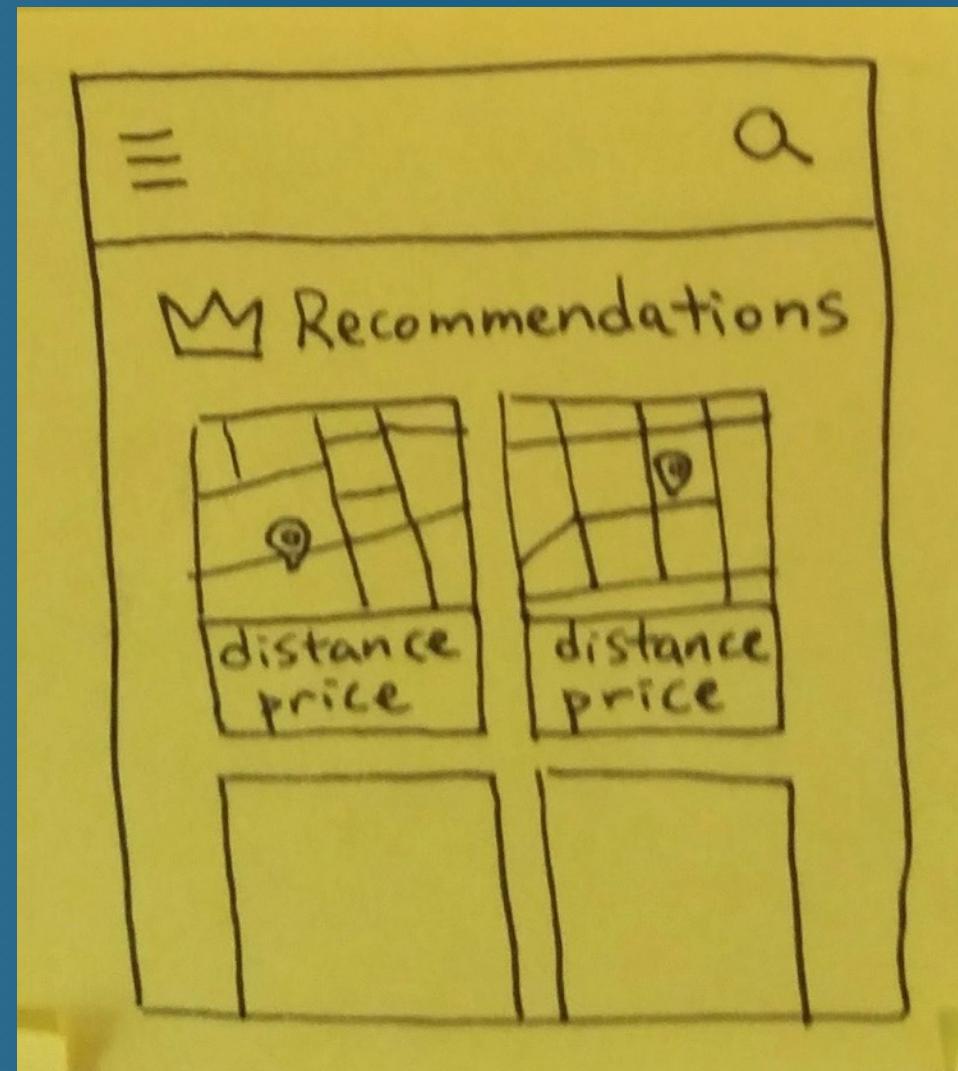
Screen Map



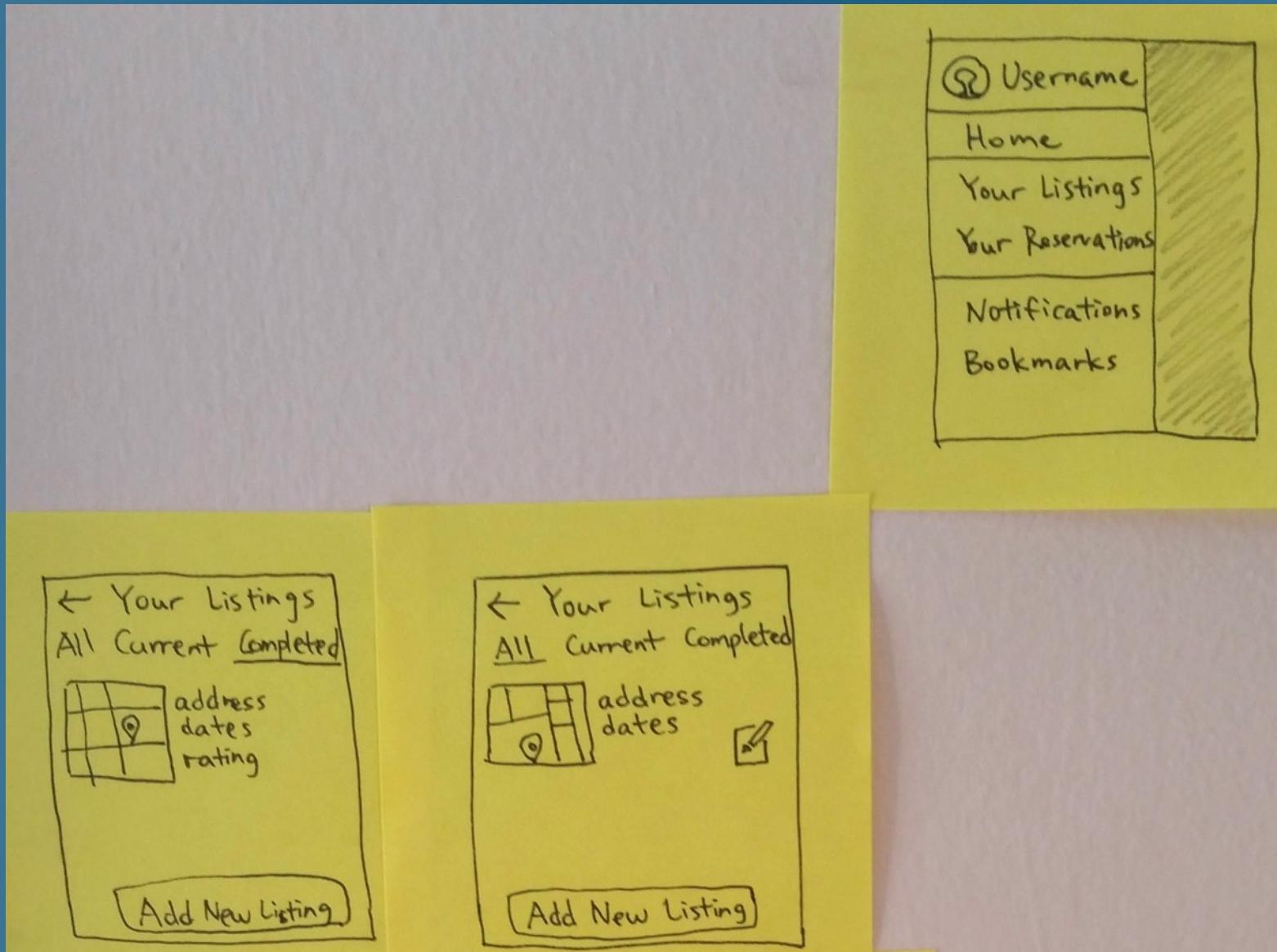
Screen Map - Landing & Log in



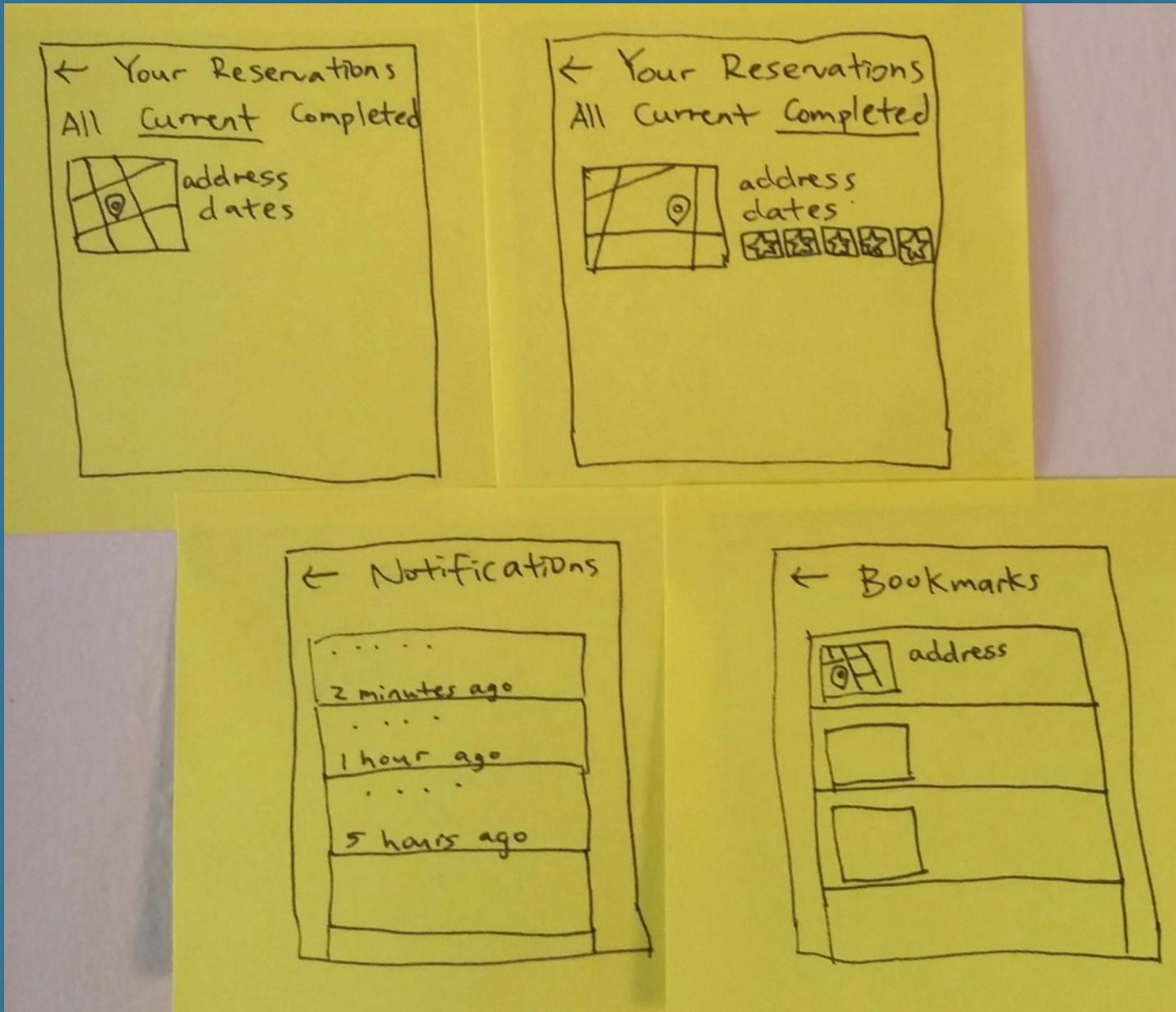
Screen Map - Home



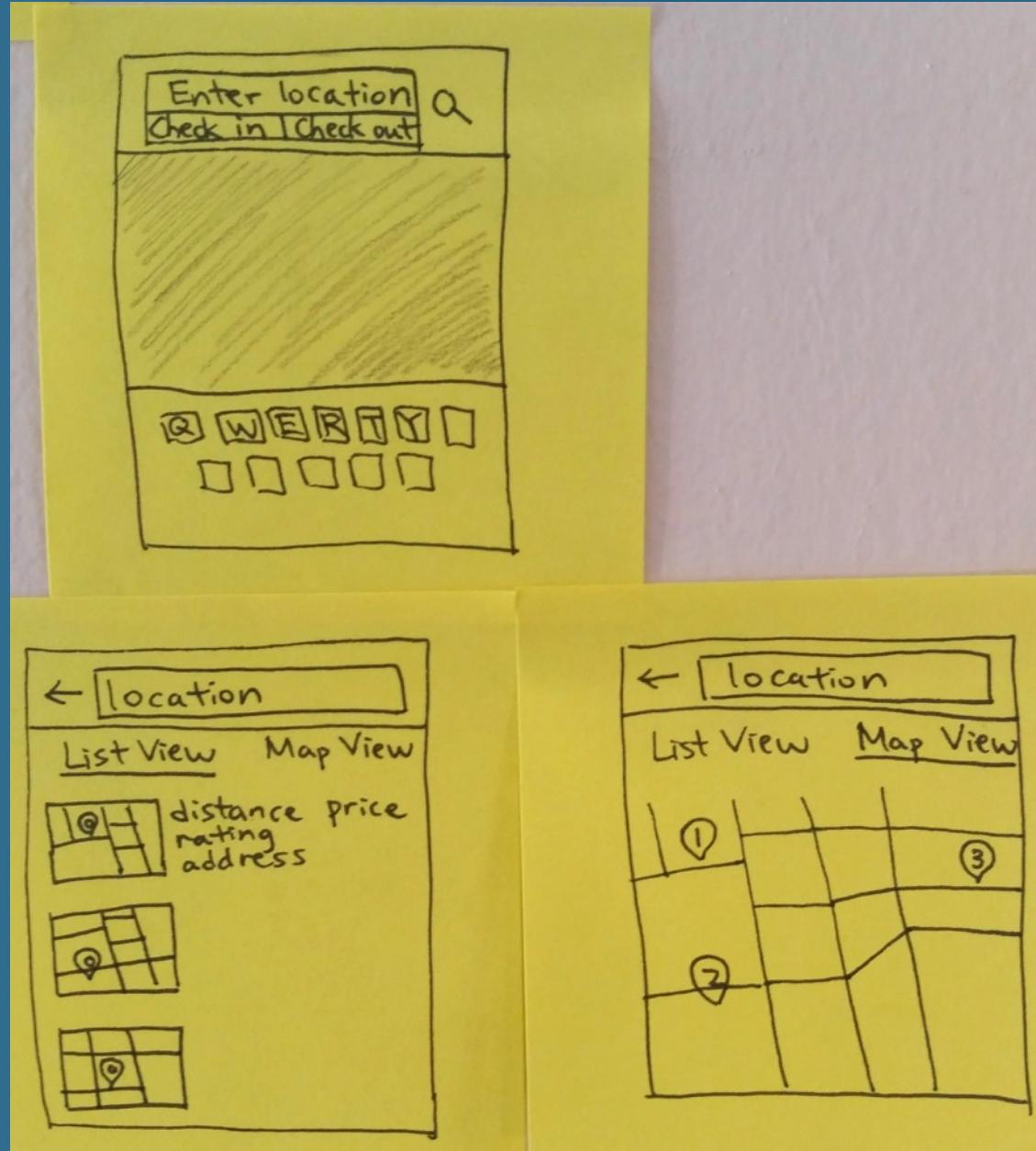
Screen Map - Navigation & Main Functionalities



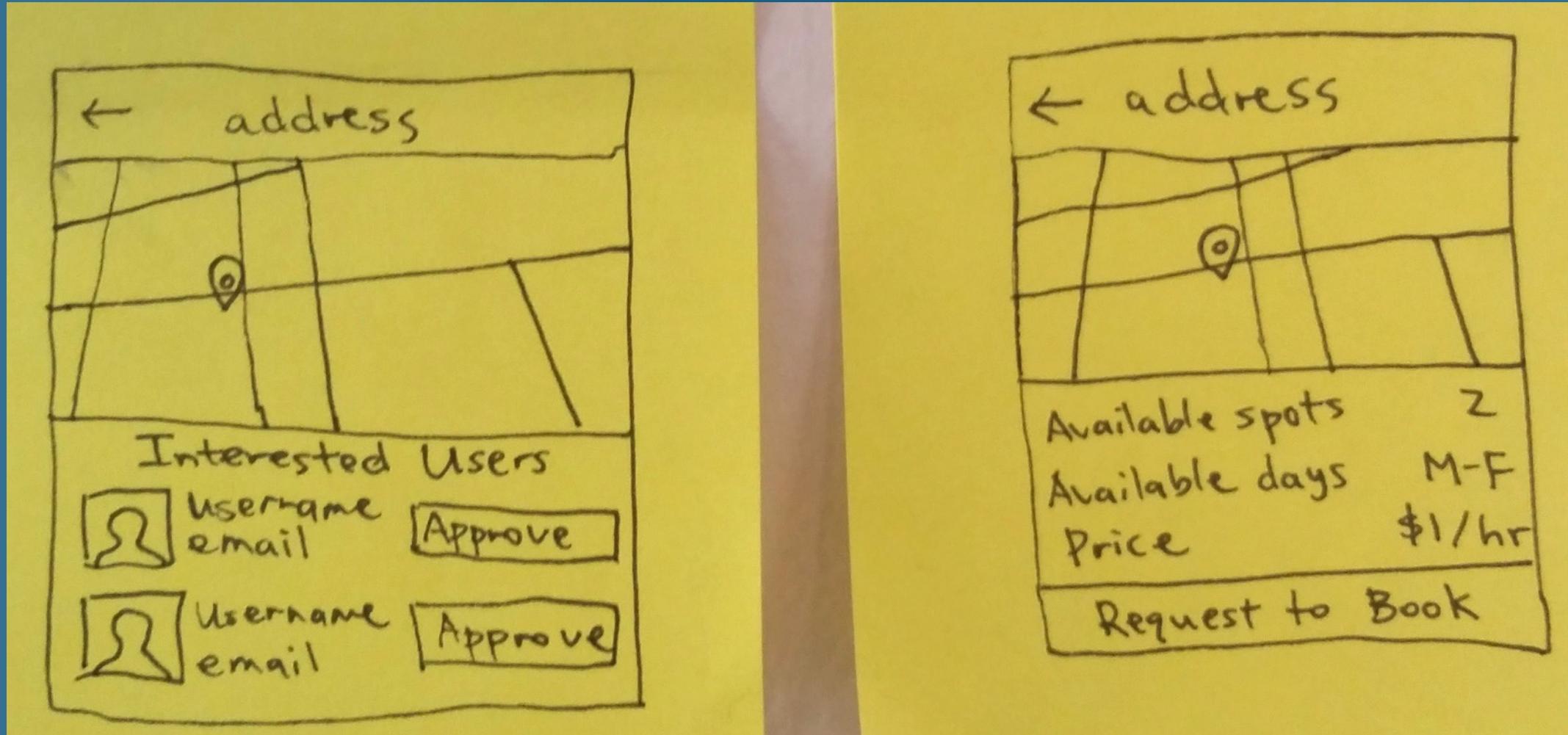
Screen Map - Navigation & Main Functionalities



Screen Map - Search & Results

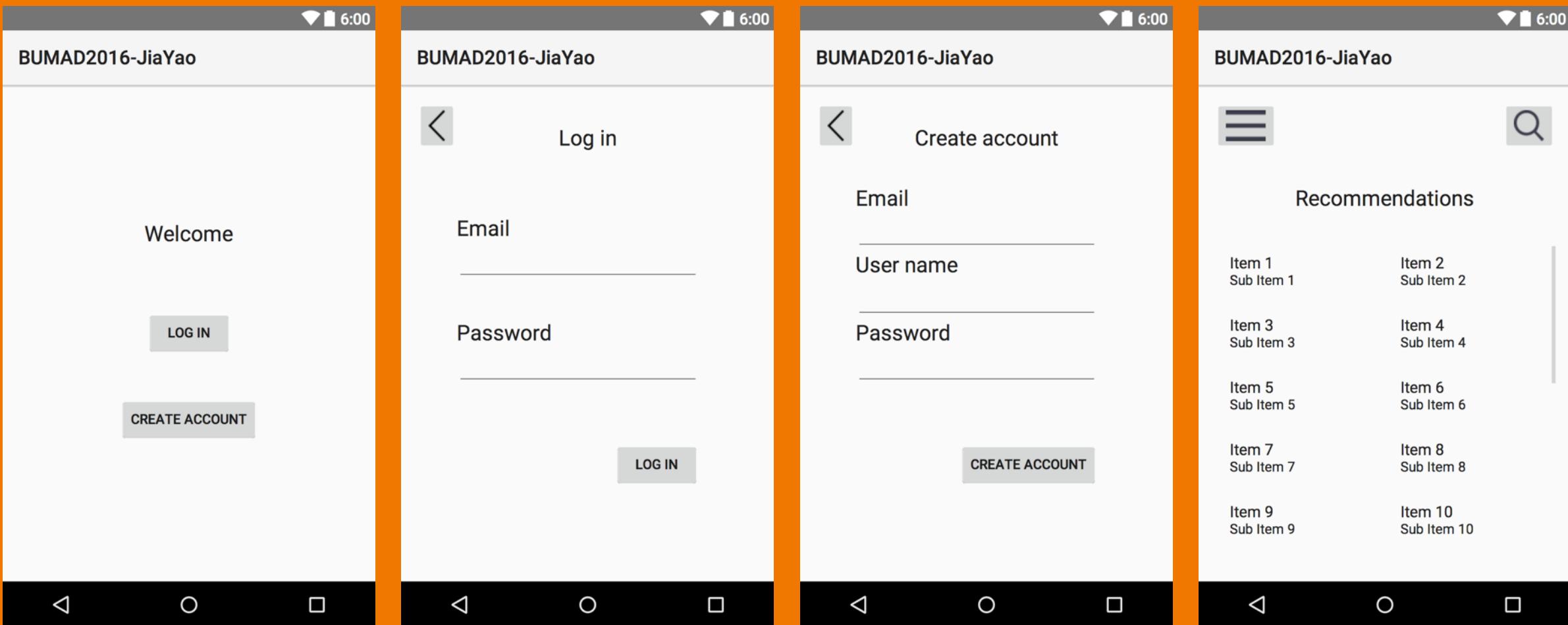


Screen Map - Venue Screen



Current Status

4 out of 16 screens have been created as activities in Android Studio.



Future Plans

By 10/18: Finish UI design for all screens, set up connection to a database, and implement at least one of the must haves

By 11/1: Implement all of the must haves

By 11/22: Implement all medium priority tasks

By 12/6: Try to implement low priority tasks and conduct testing

Problems thus far

I'm having some trouble setting up transitions between activities (e.g. click a button on screen A to display screen B), but I'll look into the textbook to see how this can be done.

Questions?

