Members:
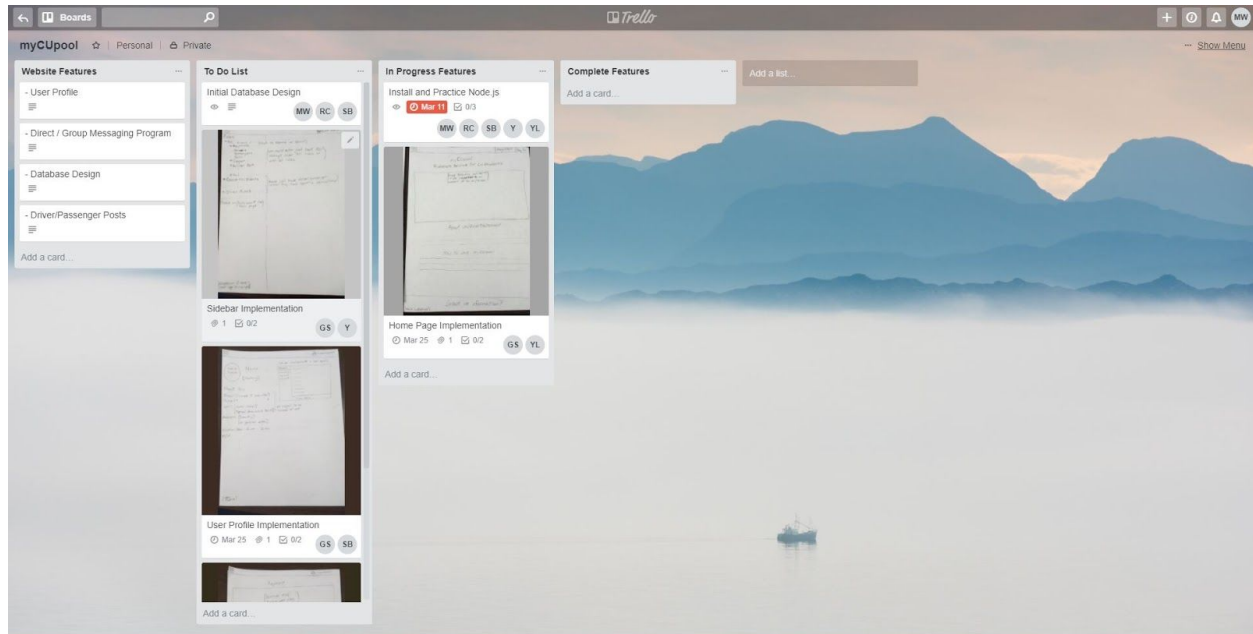
- Gustav Solis, Michael Whitlock, Sam Bennetts, Yi Wu, Yuxuan Luo, and Zhiren Chen
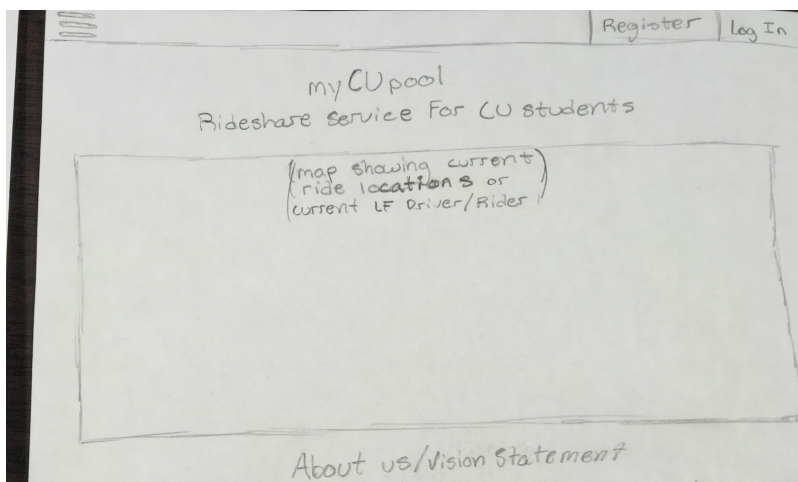
Project Management Tool: We will be using Trello as our project

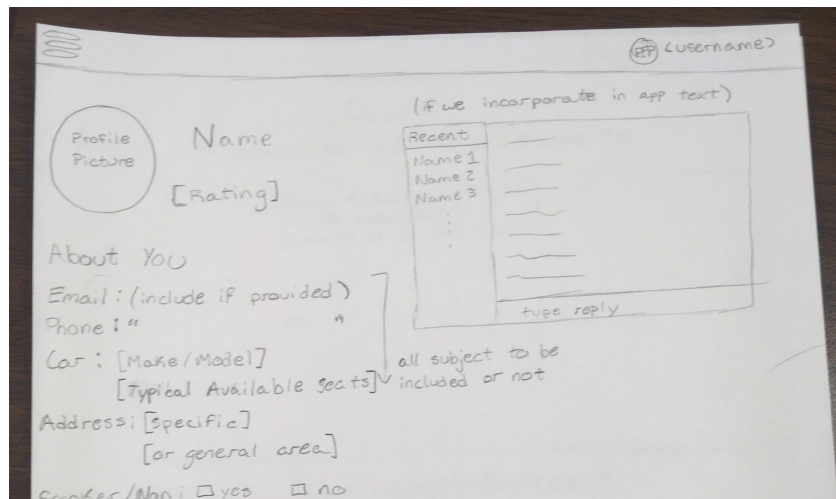management tool. (https://trello.com/b/Qf8P3Vu7/mycupool)

Project Plan:

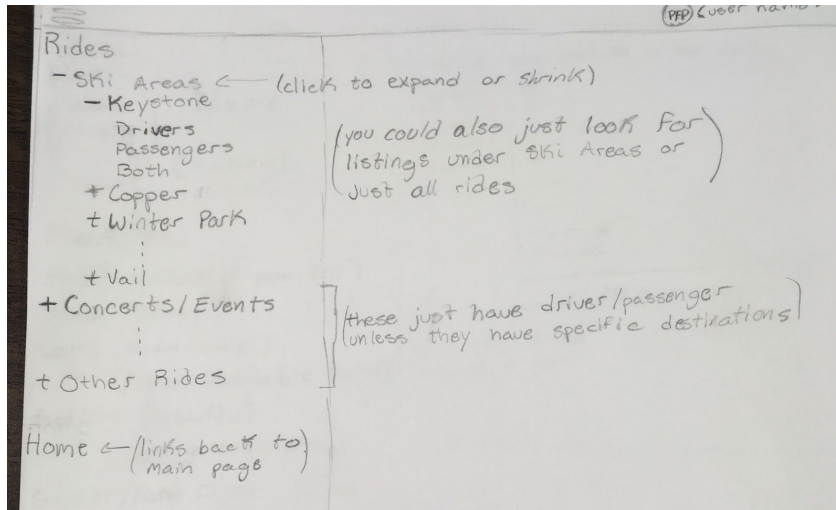This is a more straightforward and ordered version of what we have on our Trello

- Install and Practice Node.js: Assigned to all members (Due: March 11th)
  - Install Node.js and npm, and learn to launch the website from your command line. As well as learning how to use Node.js using tutorials.

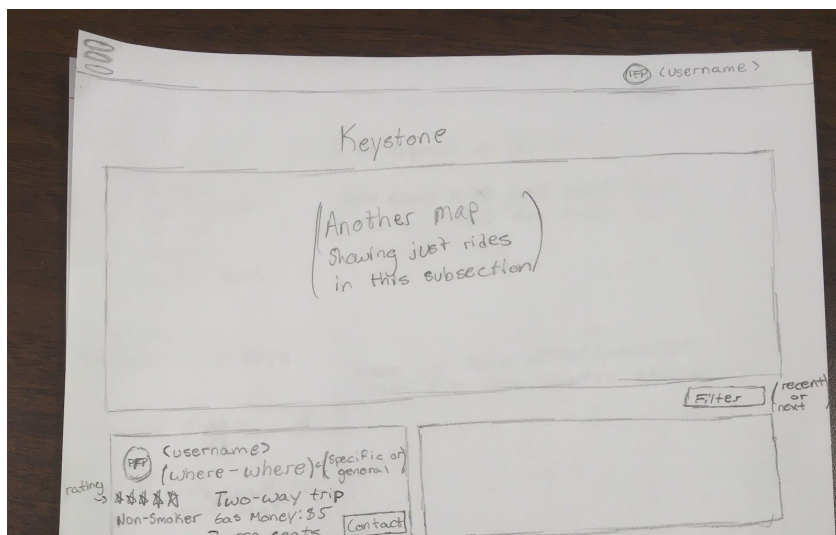- Home Page Implementation: Assigned to Gus, Yuxuan (Due: March 25th)

- User Profile Implementation: Assigned to Gus, Sam (Due: March 25th)

- Sidebar Implementation: Assigned to Gus, Yi

- Ride Listings Implementation: Assigned to Gus, Michael

- Initial Database Design: Assigned to Michael, Sam, Zhiren
    - Figure out what database works best for our project, and then figure out how to use, and then implement into the rest of the website. The databases will be used for User Profile, Postings, as well as the messaging system.

Sprints:

Sprint 1: Initial website design, getting visual layout setup before incorporation of databases for user profile and driver/passenger postings. Visual designs that need to be completed include the home page, user profile, navigation bar, and the driver/passenger listing page.

Sprint 2: Creation and design of the databases for the user profile and the data stored for each user, and all the listings of driver/passenger postings.

Sprint 3: Incorporation of the databases into the website

Sprint 4: Testing of the various aspects of the website to ensure that everything works as expected.

Project Requirements:

(FR) = Functional Requirement, (NFR) = Non-Functional Requirement
- User Profile
- 1. (FR) Will be accessed using your CU login, which keeps the whole process safer and trusted by those who use it knowing they are communicating with CU students only.
- 2. (FR) The information that will be on their profile will be profile picture, name, rating, smoker/non-smoker, and any other information we find should be included in order to streamline making a post as a driver or passenger. (FR) The rating that will persist on the user profile will be influenced by the other people who have either been a passenger for this person, or have had this person as a passenger themselves. (NFR) The goal of this rating is to deter poor behavior such as tardiness, poor driving, and any other general offense that makes the overall experience for anyone else interacting with this person less enjoyable.

- Driver/Passenger Posts
- 3. (FR) Will be listed as either a driver looking for other passengers, or a passenger looking to find someone willing to be a driver. These distinctions allow for people to filter for one or the other or both when searching the postings.
    - (FR) Each posting will also include information from the poster's profile such as name, rating, smoker/non-smoker as well as more specific information to this post such as start location -> destination, 1-way/2-way trip, how long the trip will take, how many open seats, and gas money amount.
- 4. (FR) Listings will also contain information on what locations they are going to and from, that fit within a broad list of categories. (NFR) These categories will be primarily common routes that people would get a carpool together to go to, such as skiing and concerts, but posts that cannot fit within these predetermined categories will have to reside in a miscellaneous tag section. Common posts that end up in the miscellaneous tag section can also at a later point be moved into a formal tag section.

- Messaging Service
- 5. (FR) Include an open source text service that would allow for communication between users. This would be accessed from primarily on each post there is a button that would allow someone to talk to whoever created the post, as well as accessed in the user profile so users can access past conversations if needed.
    - (NFR) This feature should allow for people to talk to other users with the idea that people can talk and decide whether they want to share contact information or not, since most people would rather not openly share their email or phone number without some idea about who they are sharing such information with.

- Database Design
- 6. (FR) Database to hold user profiles, such as name, rating, smoker/non-smoker and other persistent information on the profile.
- 7. (FR) Database to hold conversations between users, linked with the user profile so people can find their conversations again.
- 8. (FR) Another database to hold all the posts both driver and passengers, and would be linked to the user profile for whoever posted it and to the chat so people can chat with whoever created the post.

- General Website Layout
- ● 9. (FR) Map that would show current ride routes, if a user is logged in it might show their general area and the rides that are in that location.
- ● 10. (NFR) Description on the home page that both talks about how to use this website, as well as our mission/vision statement and ways to contact us.

Agile Scrum:

Everyone met on the afternoon of Saturday the 10th to conduct this agile meeting. Most of us have been working on learning Node.js and Javascript, so this meeting didn't have much opportunity for people to present what they have been working on. We spent most of the time making sure everyone could get the needed programs to run the website installed on their machines, as well as making sure everyone could pull the project from the github and then run it.

This meeting proved helpful to make sure everyone was on the same page of development, and will be helpful once everyone gets to work on their parts of the project. Being able to continually make sure everyone knows what they should be doing, and to get group feedback if anyone finds they have a question about their current share of work, and so everyone else knows what everyone is currently working on.