

### **Project Features List:**

- Registration page
  - Starting page for users to create their accounts with email, username, and password and answer a few security questions for data collection
- Accounts
  - Users have the ability to create an account with username, password, and display name
    - Possibly allow for more in-depth user customizations (profile picture, user's color choice in chat, etc)
- Sign in page
  - Log in through username/email and password
- Public message room
  - Interact through public messages with other users that are within relatively close distance to you
- Report Users
  - Report users for inappropriate behavior to admins for review
- Mute/Block other user accounts
  - Basically the ability to hide a specific user's chat if you don't want them
- Message History based on join time
  - When the users join, they can only see the messages from that point and on. They can't scroll back to the previous messages in a group. (Much like the discord read-message-history feature)
- (Possible location distance slider)
- Friends interface?

### **Requirements:**

- Non Functional
  - Reporting Users
  - Pick a chat room color
  - Slider for radius
- Functional
  - Muting Accounts
  - Signing in
  - Creating a user
  - Friends interface

**Project Plan:**

- **3/4:** Research
- **3/11:** Registration page/account database, create NodeJS server
- **3/18:** Front-end implemented (chat room layout)
- **4/1:** Chats sent/received functioning
- **4/8:** Location services, multiple chat rooms
- **4/15:** Muting other users, testing application
- **4/22:** Finalization of cosmetics (profile picture, chatroom design, etc) 3/4 and final testing of everything else

**Who:**

- Work is planned to be shared between all of us, but we'll probably have more of an idea of who's focusing on what further into the project. At this time we are unsure aside from who is interested in what areas.