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CSCI 455

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Biweekly Report: 10/27/2022 - 11/9/2022

1. What we accomplished so far:

- a. About 50% finished on backend main functions: Almost completed backend server/rest api for fetching data from MongoDB cluster. Created a node-express api to serve as backend for the app. Tested endpoints and verified functionality. Database integration is set up and backend is ready for data. Need to finish establishing / testing all endpoints required for basic functionality.
- b. Development of chat function: Established backend for chat service, can send and get messages between users and store messages + conversations in database. Need to connect backend to frontend to display the messages. Need to develop bigger chatrooms for course chat features.
- c. About 35% of frontend UI: Finished the majority of the sign up screen, sign in screen, and the main root screen. Fixed navigation issues with custom menu icon and everything navigates correctly in the drawer. Created chat screen and chat template to test chat functionality

2. What we plan to work on next:

- a. Put finishing touches on currently completed screens and fix any minor visual errors: Fix header titles for each screen and make sure everything is user friendly.
- b. Start working on profile and settings page

- c. Work on connecting backend with frontend
 - d. Work on setting on up a website to host project
- 3. Technical problems/Issues we ran into and are working on:
 - a. Backend issues: Unfollow/Unfriend function not working properly yet.