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CSCI 455

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<u>Biweekly Report: 11/10/2022 - 11/22/2022</u>

1. What we accomplished so far:

    a. Connected frontend and backend. The app is now able to associate user's info with the majority of the app.

    b. About 70% finished on backend main functions: 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 the backend is ready for data.

    c. 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 and the feature of study groups.

    d. About 80% of frontend UI: Finished the majority of the sign up screen, sign in screen, and the main root stack 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. Profile screen template is working and added deprecated photo gallery picking functionality.

2. What we plan to work on next:

a. All screens are currently finished but need to 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. Work on study group functionality alongside chat functionality.

c. Work on events screen

d. Implement sign in screen functionality limitations (Prevent users from signing in if password is wrong or if no password at all)

e. See if it's possible to make sure user is signing up with only NYIT email address

f. Continuously add more fields to database as needed (For example, post likes and school year)

g. 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.