EE/CprE/SE 492

Social Support Registry App

BIWEEKLY REPORT 4

10/12/2022 – 10/25/2022

Group number: SDDEC22-08

Client: Dr. Katherine Rafferty

Advisor: Professor Matthew Wymore

Team Members:

Samantha Culver: Team Manager & Front-end Designer

Kellan Hulet: Front-end Developer, Front-end Manager

Brayden Ruch: Back-end Developer, Client Correspondent

Amaranthia Willers: Back-end Developer, Back-end manager

Siddharth Rana: Full-stack Developer, note taker

Summary

Samantha Culver worked researched security options and the reliability of AWS Amplify.

Kellan Hulet continued work on connecting Amplify. Siddharth Rana and Kellan Hulet created a new Amplify Environment which was connected to the frontend for user creation and verification.

Amaranthia Willers fixed their computer and researched chat feature options as well as caught up on the Amplify environment.

Past weeks accomplishments

Samantha Culver:

- Researched security measures to add on top of AWS Amplify (10/12-10/17)
- Looked into the security level of using AWS Amplify and its reliability (10/12-10/25)

Kellan Hulet:

- Continued work on integrating Amplify
- Connected authentication with frontend for user registration

Brayden Ruch:

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Amaranthia Willers:

- Amplify chat features research

Siddharth Rana:

- Set up data models, authentication methods, and api routes using AWS Amplify

Pending issues

Samantha Culver: None

Kellan Hulet: None

Brayden Ruch:

Amaranthia Willers:

Siddharth Rana: how to using generated data in lambda functions

Hours Worked

Name	Hours previous 2 weeks	Hours cumulative
Samantha Culver	9	107
Kellan Hulet	14	100
Brayden Ruch		53
Amaranthia Willers	6	74
Siddharth Rana	14	30

Comments and extended discussion

Plans for the upcoming weeks

Samantha Culver:

- Continue researching security options to discuss with Dr. Rafferty and Team at next Client meeting

- Help implement AWS Amplify and combine it with front end

Kellan Hulet:

- Users can login and load account data within Amplify
- Frontend and Backend are hosted within Amplify

Brayden Ruch:

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Amaranthia Willers:

- Help with connecting front and back end
- Start chat feature backend in Amplify

Siddharth Rana:

- Set up more API routes for various functionalities
- Add the functionality of sending messages for users

Summary of Client Meeting

No meeting occurred with Dr. Rafferty within the past 2 weeks.