Project Status Report 2

Group 4

Calm Chores

Software Engineering
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CS673

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1. ANUP - I helped make changes to the GitHub repository and attended meetings to discuss the frontend aspect of the project. I researched the Expo Go Platform, which would help us develop and test native phone apps for iOS and Android simultaneously, and set up a sample project for testing. I also worked on the SPMP document during the last meeting and worked on the preliminary UI design for the SRS report.

2. KESHAV - I presented the API and Database Proposal to my team members. We covered the proposed design and worked on making some changes along with my team members by making additions to the API and DB fields. We also discussed how to translate the designs with our selected database, Firebase. I worked on the SRS document, mainly the Functional and Non-Functional Requirements of the document. Update the GitHub Repository for creating a new folder with "Project Documents" presented from the feedback from the previous Status Report.

3. FERNANDA - I participated in the last meetings, helped update GiHub and discussed solutions for frontend development, as of now we are considering using Expo Go platform for testing and developing our application and used Figma to design a mockup for our application.

4. CHUN - I went over the API and Database design with my teammate and we made some adjustments to the API and Database design. I worked on the user story part of the SRS document. I also mentioned to my teammates that we need to add Docker to our project for deployment and will start adding the Docker files into GitHub after we have some sort of frontend and backend connected to display. I have created different branches for the backend and frontend.

5. XIAOYUE - I participated in all meetings during this period. I completed the editing of the framework and introduction sections of the SRS document. I participated in reviewing the project's API and GUI design, and proposed more than 5 improvements to the API section. The above improvements focus on the addition, removal, and modification of data to ensure that the project does not have serious problems with data overflow.

Task Assignment and Deliverables:

ANUP and FERNANDA - For next week we'll be working on the the frontend design using Figma. If possible, we will also begin setting up the Expo Go environment and begin working on the UI of the app after the design is settled by the all the members of the team.

KESHAV and CHUN - For the upcoming week, we have decided to implement the API and DB proposal into the Firebase database available. This iteration will happen in stages to ensure that the data is being stored and requested correctly throughout the implementation. We will also use Postman as a tool to ensure the correctness of the API implementation. Working together, we expect to complete the assigned tasks as mentioned above within a week.

XIAOYUE - Next week, I will be the main QA for the project, responsible for accepting and testing the completed part of the project.