EE/CprE/SE 492 Bi-Weekly Report 4

10/26/2022 - 11/08/2022

Group Number: 6

Project Title: JA Time Management App

Client: Jewels Academy

Faculty Advisor: Rachel Ann Shannon

Team Members - Role:

Adrian Van Der Veer - Backend Developer

Olusola Ogunsola - Frontend Developer

Ben Hourigan - Frontend Developer

Christopher Burgos - Backend Developer
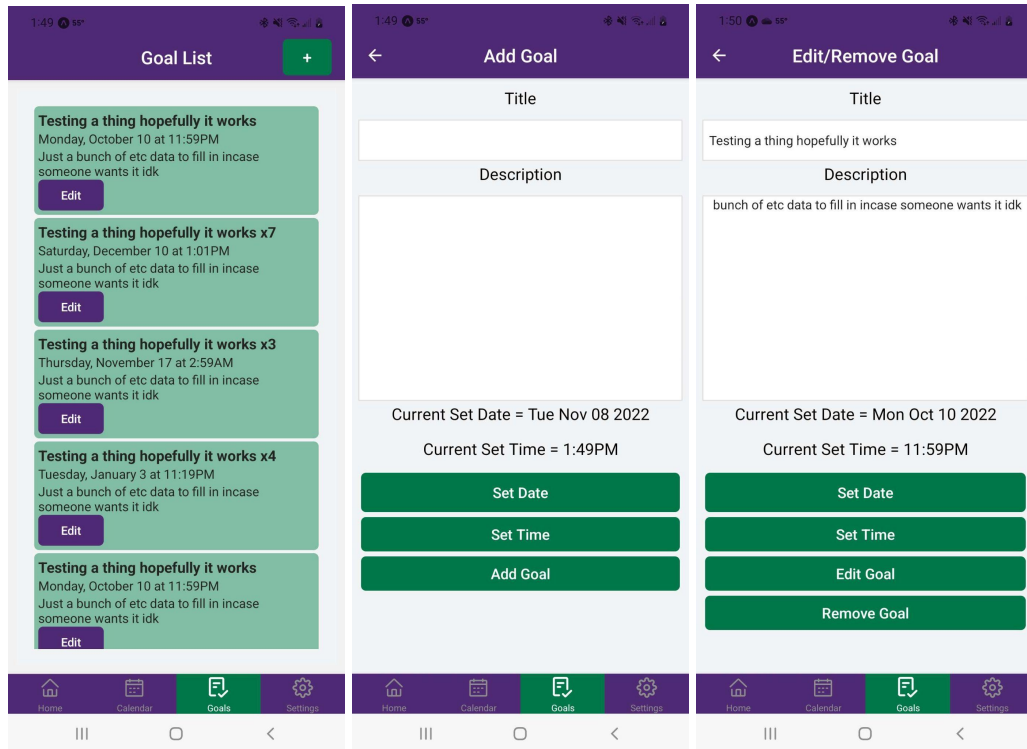
Theron Gale - Full Stack Developer

Weekly Summary:

Over the last couple weeks, we have had a demo showcasing to Jewels Academy what we have completed thus far for the app. They responded positively, and provided feedback regarding what we should be doing next. They recommended that we merge the To-Do List and Calendar pages as they have similar function, and they suggested changing the old To-Do List page into a Goals page. They have also decided to discard the mental health page that we originally had planned, as it did not partain to their original idea for the app itself.
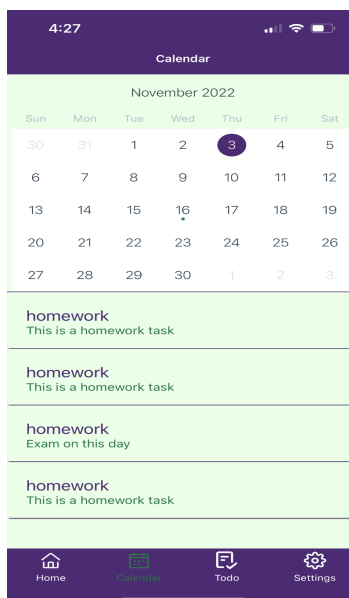
Past Week Accomplishments:

- Continued Frontend Development - Ben, Theron, Olusola
    - To-Do List → Goals - Theron

- Finished the add, edit, and remove options for the list
- Refined the UI further
- Changed some titles so that it reflects the change from the To-Do List page to the Goals page

- Calendar Page first iteration (Ben):
    - Created ability to view tasks in a calendar view and select different days for viewing

- Continued Backend Development - Adrian, Chris
  - Schemas for task storage created
  - Schemas for user settings storage created
  - Optimized and fixed errors in user, task, and setting schemas
  - Researched API usage
  - HTTP Endpoints created
  - Postman Endpoint testing begun
  - Researched cloud encryption
  - Merged backend codebase to master

Pending Issues:

- Cloud task storage
- Local caching
- Set up automated testing for Flask
- API request limits from Canvas
- Google cloud finance issues

Individual Contributions:

Name	Individual Contributions	Weekly Hours	Hours Cumulative
Adrian Vanderveer	Continued development for the backend, attended meetings including the demo for the Jewels academy president and our industry client	10	119
Christopher Burgos	Offically got google cloud going and funding for the project as well that will last us throughout the rest of the semester. Continued research and development with the cloud environment and connecting it to our application	12	67
Theron Gale	Attended all meetings, including the demo. Worked on the To-Do	18	83

	List further (now labeled the Goals page). Refined add, edit, and remove task functions. Refined UI further for the To-Do/Goals page		
Ben Hourigan	Attended all the meetings. Developed a first iteration version of the calendar with ability to communicate with the backend once implemented. Refined UI to be able to display all tasks for a certain day.	12	65
Olusola Ogunsola	Continued frontend development. Created home page template. Implemented page navigation. Attended client demonstration meeting.	8	54

Plans for the Upcoming Week:

- Frontend:
    - Begin linking frontend to backend
    - Reorganize the pages such that the calendar contains the functions of the to-do list and the calendar and the to-do list page is turned into a goals page
    - Work on functionalities in the Goals, Calendar/To-do, Login, Register, and Settings pages
    - Rework the Goals page so that it actually moreso reflects a page to view and set goals
- Backend:
    - Begin linking APIs
    - Begin linking backend to frontend
    - Set up automated testing
    - Get gcloud reestablished
    - Optimize backend functionality for needed frontend functions
    - Work on HTTP routing setup with frontend
    - Refine JSON requests from front end to backend

Summary of the Bi-Weekly Advisor Meeting:

- We produced an update video with the current progress with the application, both frontend and backend, and sent it to our faculty advisor to update her on the progress made within the last 2 weeks as we were unable to meet in person given time conflicts.