EE/CprE/SE 492 Bi-Weekly Report 5

11/09/2022 - 11/22/2022

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

<u>Weekly Summary:</u>

The following week for backend development has been focused on usability of the gcloud and applying its use to our program. There is quite a bit of a learning curve along with the plethora of tools to use. Currently trying to set up to allow frontend to communicate with the database on the cloud.

<u>Past Week Accomplishments:</u>

- Continued Frontend Development - Ben, Theron, Olusola
    - Goals Page - Theron
        - Worked on the render issue with list items not appearing/disappearing utilizing React hooks

- Worked on style fixing for the date and time setters for creating and editing goals and tasks
    - Login Form - Sola
        - Created basic login form with input validation for login and register screen
        - Started process of linking the frontend and backend functionality
    - Calendar Page - Ben Hourigan
        - Continued work on Calendar page. Made upgrades to Calendar with being able to show different events, and added useState to the component for proper rendering.

- Continued Backend Development - Adrian, Chris
    - Schemas for goal storage created
    - Optimized and fixed errors in user, task, goal and setting schemas
    - Researched API usage
    - Goal HTTP Endpoints created
    - Postman Endpoint testing continued
    - Commented code to allow easy transfer of responsibility
    - Created Swagger REST API documentation to detail the created HTTP endpoints
    - Merged backend codebase to master

Pending Issues:

- Goals page not rendering new, edited and deleted tasks in real time
- Cloud setup
- 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 in person meeting with our faculty advisor	6	131
Christopher Burgos	Been working on development of google cloud and backend, trying to figure out best way to use the google	12	79

	cloud and how to apply it to our application to allow full connectivity. Continuing to develop in order to allow testing to be implemented along with it as well using gcloud.		
Theron Gale	Continued frontend development on the Goals page, attended the in-person meeting with faculty advisor and the online meeting with Murugan	6	89
Ben Hourigan	Attended all meetings with client and faculty advisor as well as continued on with Calendar page. Made new component for todo list display underneath Calendar	12	77
Olusola Ogunsola	Continued frontend development on login and register forms. Began linking frontend form data with backend functionality.	6	60

Plans for the Upcoming Week:

- Frontend:
    - Fix Goals page render issues
    - Begin linking frontend to backend
    - Have app in a non bug, user-friendly state to begin putting app in users hands
- Backend:
    - Begin linking APIs
    - Begin linking backend to frontend
    - Set up automated testing
    - Get gcloud reestablished

- Work on HTTP routing setup with frontend
- Refine JSON requests from front end to backend

Summary of the Bi-Weekly Advisor Meeting:

On November 17, 2022 a majority of the team went to an in person meeting with Rachel Ann Shannon to detail the current progress of the app, our future plans in terms of development, as well as the requirements and examples for the end of term presentation with the faculty and industry panel. We were shown example posters as well as the requirements for the presentation and our final design document in order to prepare our team for the end of the term, as well as the usual updates on the project and making concrete plans for the continued development as well as the documentation our team needs to create in order to facilitate a smooth handoff to the next team in the development process.