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## **EE/CprE/SE 492 Bi-Weekly Report 2**

**09/17/2022 - 10/11/2022**

**Group Number: 6**

**Project Title: JA Time Management App**

**Client: Jewels Academy**

**Faculty Advisor: Rachel Ann Shannon**

**Team Members - Role:**

**Adrian Van Der Veer - Team Organization**

**Olusola Ogunsola - UI Design**

**Ben Hourigan - File Consistency/Organization**

**Christopher Burgos - Client interaction**

**Theron Gale - Individual Component Design**

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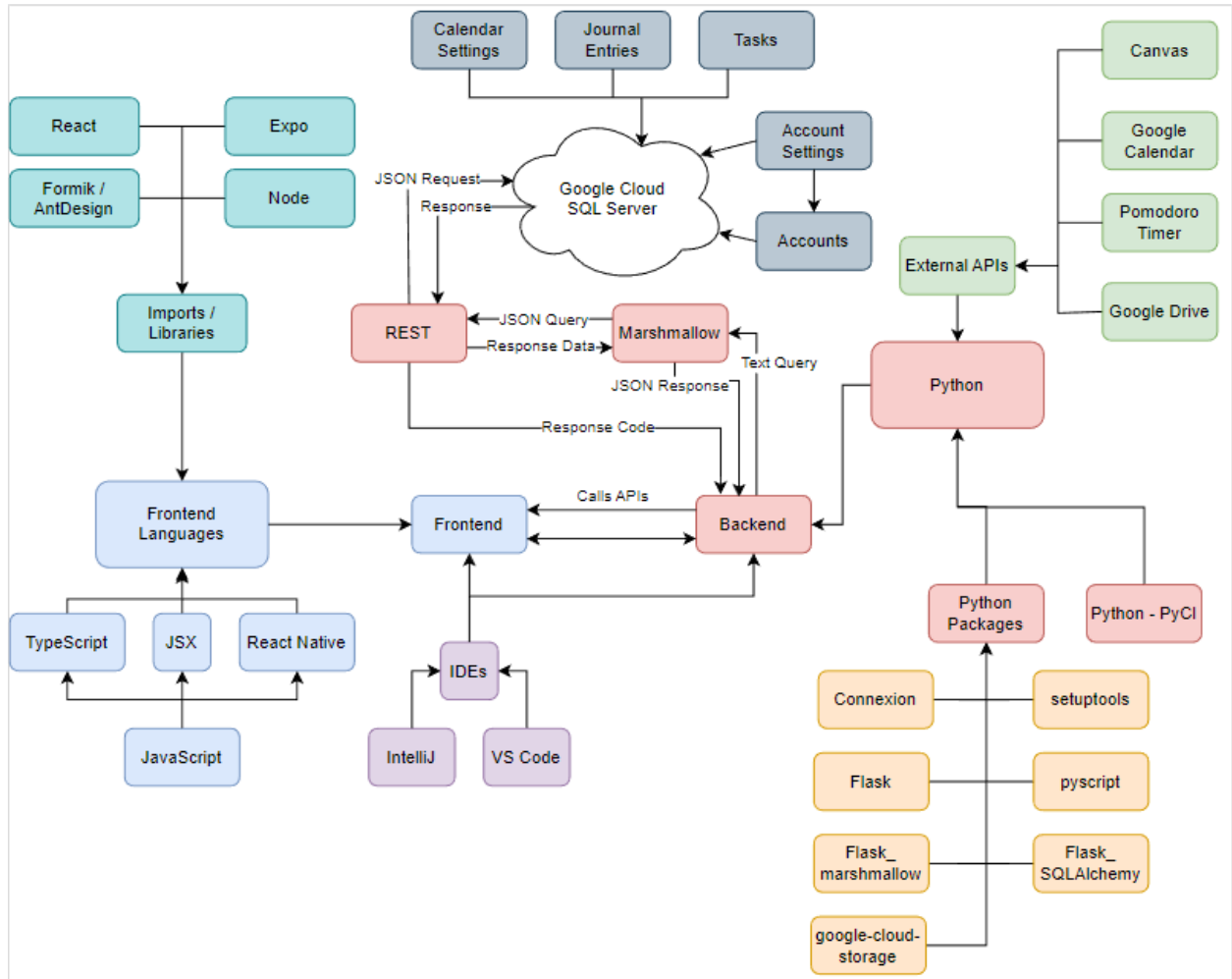
### **Weekly Summary:**

During this period the backend team refactored the code to switch frameworks to a combination of Flask, REST, SQLAlchemy, and Marshmallow. We had a couple meetings with our client, who wanted us to present an in-person demo of the app-in-progress to him and other members of Jewels Academy later in the month.

### **Past Week Accomplishments:**

- Continued Frontend Development - Ben, Theron, Olusola
  - Login Page - Olusola

- Calendar Page - Ben
  - Looked into and started developing with react calendar component for viewing events and assignments
  - Will start implementing canvas assignment lists into this as well when functionality is completed.
- To-Do List Page - Theron
  - Created basic functionality of the planned page, including adding, removing, and navigating the list.
  - The only issue right now is updating the list in real time, which I am currently looking into.
- Refactored backend to use a combination of the REST ,Marshmallow, Flask, and SQLAlchemy frameworks - Adrian
  - Created preliminary functionality for login, and registration for new users, and forgot password
  - Tested connectivity of the backend to database with mock user data
- Updated Systems Level Diagram to fit updated Backend functionality - Theron, Adrian



### Pending Issues:

- Change fields for better user information storage
- Secure user data
- Set up automated testing for Flask
- API request limits from Canvas
- Google cloud finance issues

**Individual Contributions:**

<u>Name</u>	<u>Individual Contributions</u>	<u>Weekly Hours</u>	<u>Hours Cumulative</u>
Adrian Vanderveer	Refactored the backend, searched for resources. Updated Systems Level Diagram.	8	87
Christopher Burgos	Researched more development with backend, looked into pricing for future relevance of cloud storage, continued researched with usage of backend, in contact with google for cloud usage,	10	50
Theron Gale	Continued work on the 'To-Do List' page. Attended bi-weekly meetings. Updated Systems Level Diagram.	13	57
Ben Hourigan	Continued work on the calendar page using react native calendar component. Attended all meetings with faculty advisor and client. Researched implementing canvas assignments into the calendar page because this is a big feature the client wants.	7	48
Olusola Ogunsola	Constructed login page for the application including custom button and header components, refactored bottom navigation to include custom icons and color schemes. Began work on	7	40

	form input and form validation.		
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### **Plans for the Upcoming Week:**

- Frontend:
  - Continue plan for all react components that will need to be made
    - This will include containers, forms, text, and links
  - Continue work/finalize Login, Calendar, and To-Do List pages
  - Decide who wants to start tackling the remaining components
  - Begin construction of form components
  - Create login and registration screens
  - Implement form validation for login and registration screens
- Backend:
  - Begin linking APIs
  - Begin linking backend to frontend
  - Set up automated testing
  - Have meeting with google support team to make sure we are getting a correct prediction of prices.
- Other:
  - Plan dates for when to present an in-person demo of our app to Jewels Academy
  - Merge branches into master

### **Summary of the Bi-Weekly Advisor Meeting:**

- Our faculty advisor did not show up for the bi-weekly advisory meeting. Instead we sent her a video log of our current progress, to which she responded asking us to keep our documents and website updated.