

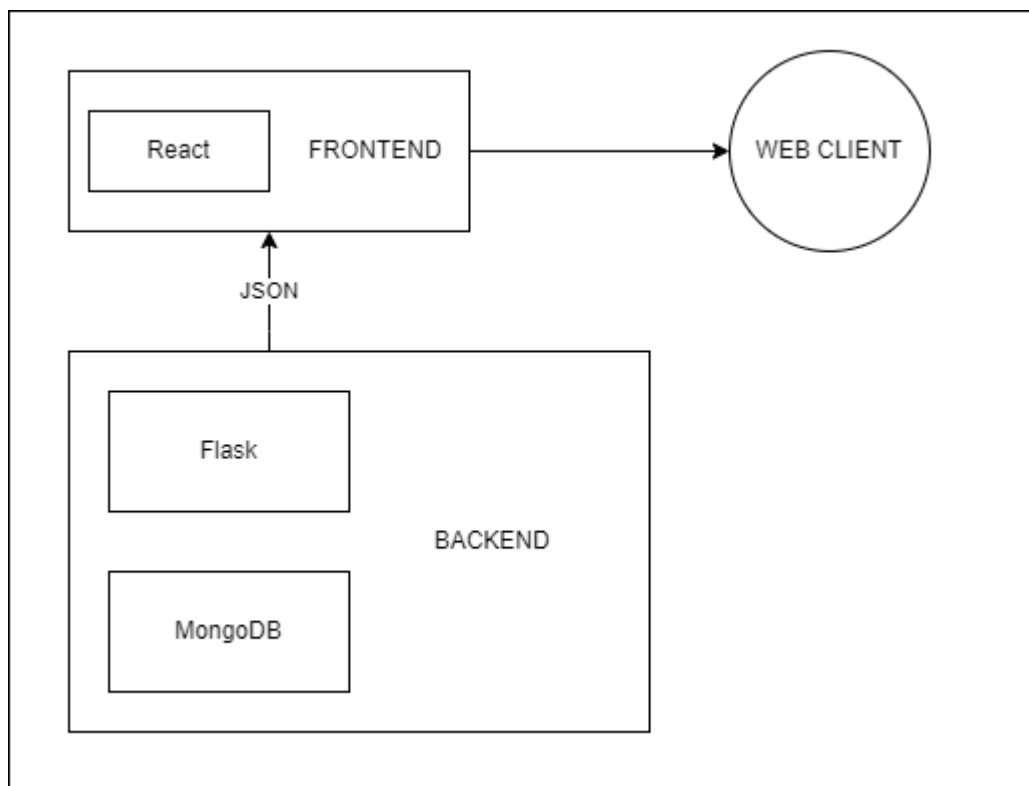
Project Weekly Progress Report Agile – Scrum

Semester	W2023, SEM-2
Course Code	AML-2404
Section	Section 2
Group Name	D
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Reporting Week	9
Team Lead for the reporting week	Sai Divya Madhuri Guntupalli

1. Progress Made in Reporting Week:

This week, I made significant progress on my project, which entails creating a backend using Flask and a frontend using React. To begin, I concentrated on configuring the Flask backend. I built the routes and endpoints required for user login, data retrieval, and modification. JWT (JSON Web Tokens) were used for user authentication since they provide a safe and stateless technique for authenticating user requests. This entailed creating tokens after a successful login and attaching them to subsequent requests for permission. I installed the React components on the frontend and linked them to the Flask backend API. I created the user interface and added user registration, login, and data display functions.

Overall, the integration of Flask and React enabled me to construct a solid foundation for my project and pave the way for future development.



2. Difficulties Encountered in Reporting Week:

However, when attempting to store the status of the JWT token in the browser, I ran into a problem. Even though I had implemented the necessary logic to hold the token, it did not survive between page refreshes or browser sessions. This created a massive difficulty for user authentication because users would have to log in repeatedly, resulting in a bad user experience. I looked at possible causes of this problem, such as faulty token storage techniques or problems with browser settings. I double-checked my code to ensure the token was adequately produced and transmitted in the answers. Furthermore, I investigated several methods to token storage, such as local storage or cookies, but they were still waiting to produce the expected results.