Project Submission Report- Final day- Faris

1. Task Title

Doctor Login, Doctor Dashboard, Feedback UI Fixes, Authentication Fixes, and API Integrations

2. Approach / Methodology

I developed a dedicated login system for doctors, where each doctor can log in using their unique username and password. After login, a doctor-specific dashboard is displayed, showing only that doctor's appointments.

I improved the UI for the feedback section, making it more consistent with the project's design. I also resolved several authentication errors to ensure smoother login and access control.

Additionally, I started integrating the Google Meet API and Payment API to support session booking and payments, though integration issues remain.

3. Difficulties Faced

- Designing and implementing a separate dashboard per doctor while filtering appointments correctly.

- Debugging authentication errors across different roles.

- Limited and unclear resources for integrating Google Meet API and Payment API.

- Both studying and implementing tasks are consuming more time, making it harder to finish all assigned tasks within the day.

- It is also hard to find reliable resources, so additional guidance from your side would be very helpful in overcoming these challenges.

4. Solutions

- Used role-based authentication and database queries filtered by Doctor ID to correctly display appointments.

- Fixed authentication by refining token/session handling and backend validations.

- Began exploring API documentation and testing integration workflows, though challenges remain due to resource gaps.

5. Learning & Takeaways

- Learned to design login and dashboards for specific users (doctors).

- Improved at debugging authentication logic.

- Realized the importance of reliable references and guidance when implementing new features.

6. Self-Reflection

- I could have spent more time understanding API workflows before starting implementation.

- Balancing study and coding continue to be difficult, so I need better time management.

- Preparing small test cases for external APIs before direct integration would save time.

7. Overall Summary

Today, I successfully built doctor logins and dashboards, refined the feedback UI, and resolved authentication issues. Work on Google Meet and Payment API integration has started but is slowed by resource limitations. Since studying and implementing simultaneously is time-consuming and reliable resources are hard to find, guidance from your side would be highly beneficial. Reducing the daily task load would also help maintain quality. Overall, the project is moving forward with stronger role-based features and better usability.