SIWES DAILY LOGBOOK (6 WEEKS)

WEEK 1 (October 6 - 10)

Monday, October 6: I resumed for my SIWES training and was introduced to the project I will be working on — a real-time chat application. I learned about the project objectives and the overall plan for the coming weeks.

Tuesday, October 7: I studied the structure of a product requirements document (PRD) and reviewed the chat app PRD to understand its sections such as goals, target users, and features.

Wednesday, October 8: I learned how to outline a project timeline and broke down the six-week plan into weekly tasks. I also drafted how the project folder would be organized.

Thursday, October 9: I noted the main features the chat application will have, including registration, login, chat rooms, and real-time messaging. I also wrote short notes explaining each feature.

Friday, October 10: I summarized everything I learned during the first week, prepared my notes for submission, and got ready to begin the practical phase the following week.

WEEK 2 (October 13 - 17)

Monday, October 13: I started learning about how users register and log in to web applications and studied how authentication works.

Tuesday, October 14: I wrote a plan for how the registration and login pages will look and how data should be handled securely.

Wednesday, October 15: I learned about the importance of password protection and how data is stored safely in a database.

Thursday, October 16: I practiced writing user data and how it would be verified before login access is granted.

Friday, October 17: I reviewed all the authentication work I had done during the week and prepared notes for documentation.

WEEK 3 (October 20 - 24)

Monday, October 20: I learned about real-time messaging and how chat systems exchange information instantly.

Tuesday, October 21: I studied how chat rooms work and how users can join or create new rooms.

Wednesday, October 22: I took notes on how messages can be stored and retrieved from a database for history viewing.

Thursday, October 23: I outlined how real-time communication is handled in backend systems.

Friday, October 24: I completed my notes on the backend concepts and prepared to start the user interface design.

WEEK 4 (October 27 - 31)

Monday, October 27: I began planning the design of the chat interface and listed all the key sections such as message area and user list.

Tuesday, October 28: I drafted the structure of the interface, focusing on how users will send and receive messages.

Wednesday, October 29: I learned about how user interfaces connect with backend data in real time.

Thursday, October 30: I adjusted the layout to make the interface look cleaner and easier to navigate.

Friday, October 31: I finalized the user interface design for the chat page and saved my progress.

WEEK 5 (November 3 - 7)

Monday, November 3: I started learning about advanced chat features such as typing indicators and online status display.

Tuesday, November 4: I studied how to show when a user is typing in real time.

Wednesday, November 5: I learned how to detect user presence and display active users in a room.

Thursday, November 6: I tested how message history can be displayed to users when they rejoin a room.

Friday, November 7: I reviewed all the enhancement features completed during the week and documented them.

WEEK 6 (November 10 - 14)

Monday, November 10: I began the testing phase and reviewed the project for possible errors or issues.

Tuesday, November 11: I worked on identifying and fixing bugs found during testing.

Wednesday, November 12: I checked if messages were being sent and received without delay.

Thursday, November 13: I finalized the testing process and ensured the application was stable.

Friday, November 14: I deployed the final version of the project, summarized my six-week learning, and prepared my SIWES report for submission.