31st July 2025 (Thursday)

Today was spent on Message Deletion and Privacy Features. The mentor began by discussing how users in modern chat apps like WhatsApp can delete messages for themselves or for everyone.

In the first hour, I implemented a long-press listener on chat messages, showing a popup menu with "Delete for Me" and "Delete for Everyone." Using Firebase database references, I allowed deletion either locally (just removing it from the user's view) or globally (removing the message node from both users' chat paths).

In the second hour, I added confirmation dialogs before deletion and tested various cases to ensure stability. The mentor discussed how privacy features increase trust among users, and even small functionalities like these matter a lot in real-world application design.

By the end of the day, my chat interface felt more professional and user-centric.