

Charotar University Of Science & Technology
Faculty Of Technology & Engineering
Chandubhai S. Patel Institute Of Technology
Smt. Kundanben Dinsha Patel Department Of Information Technology

WEEKLY REPORT
Summer Internship 2025

Student Name: Ramani Devansh Jagdishbhai Roll No: 22IT129

Week No: 4 Duration: 09/06/2025 : 13/06/2025

Project Name: Real-time chat application

Work done in last week (With supporting Documents) :

09/06/2025 Monday

09:30-11:30	Stored messages and users in MongoDB for chat history.
12:00-02:30	Added chat notifications and typing indicators.
03:00-05:00	Wrote documentation and code explanations.

10/06/2025 Tuesday

09:30-11:30	Created user schema in MongoDB and setup backend.
12:00-02:30	Implemented login and signup using JWT.
03:00-05:00	Added backend routes for creating and editing user profiles.

11/06/2025 Wednesday

09:30-11:30	Enabled user follow and unfollow feature.
12:00-02:30	Displayed posts on feed with likes and comments.

Charotar University Of Science & Technology
Faculty Of Technology & Engineering
Chandubhai S. Patel Institute Of Technology
Smt. Kundanben Dinsha Patel Department Of Information Technology

03:00-05:00	Built notification system for likes, comments, follows.
-------------	---

12/06/2025 Thursday

09:30-11:30	Designed user profile page with bio and photo.
12:00-02:30	Displayed follower/following lists on profiles.
03:00-05:00	Built notification system for likes, comments, follows.

13/06/2025 Friday

09:30-11:30	Cleaned UI and added trending posts section.
12:00-02:30	Tested all features and fixed minor bugs.
03:00-05:00	Final code review and submission.

References:

- <https://www.suprsend.com/post/how-to-build-a-real-time-chat-app-with-mern-stack-and-suprsend-javascript-sdk>
- <https://www.geeksforgeeks.org/mern/chat-website-using-mern-stack/>



Mr. Deven Chopra
External Guide

Prof. Pritesh Prajapati
Internal Guide