

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: 1 Duration: 19/05/2025 : 23/05/2025

Project Name: Secure User Authentication

Work done in last week (With supporting Documents) :

19/05/2025 Monday

09:30-11:30	Learned what authentication is and it's important in websites.
12:00-02:30	Installed the tools needed for backend development like Node.js, Express, and MongoDB.
03:00-05:00	Connected the backend to the MongoDB database.

20/05/2025 Tuesday

09:30-11:30	Learned how to create a user model using Mongoose.
12:00-02:30	Built the registration feature.
03:00-05:00	Used bcrypt to safely store user passwords.

21/05/2025 Wednesday

09:30-11:30	Worked on the login feature.
12:00-02:30	Used JWT to generate a token when users log in.

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03:00-05:00	Created a middleware.
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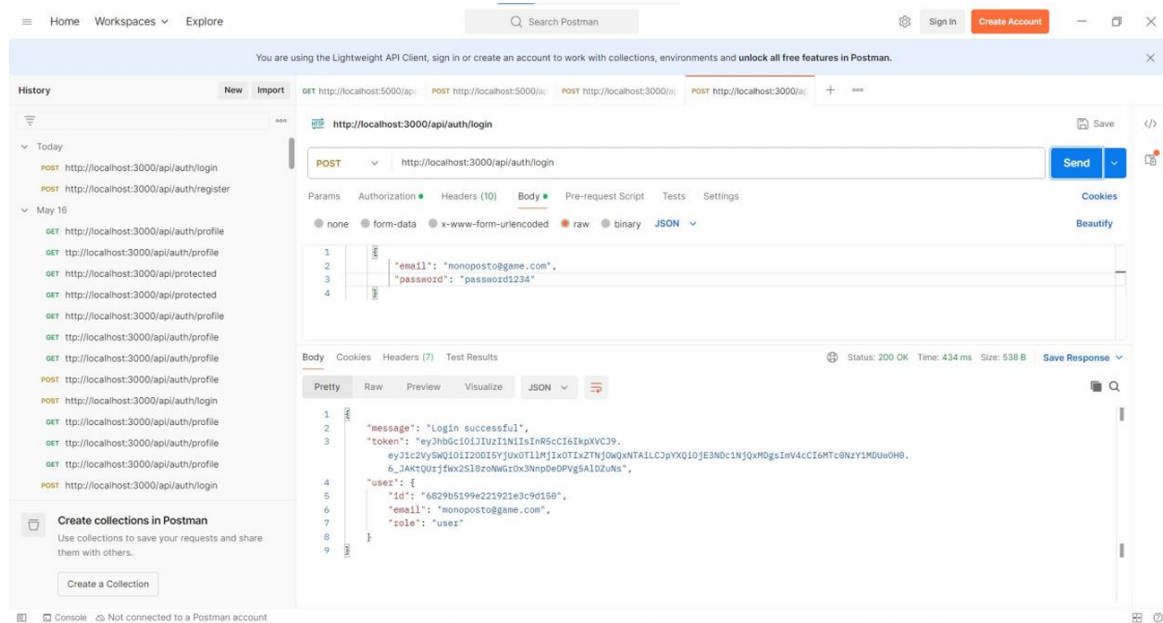
22/05/2025 Thursday

09:30-11:30	Started frontend work with React.
12:00-02:30	Connected frontend to backend using Axios.
03:00-05:00	Stored the JWT token in localStorage after login.

23/05/2025 Friday

09:30-11:30	Created a Protected Page.
12:00-02:30	Added helpful messages for errors.
03:00-05:00	Checking whole code, prepared files for submission.

Attached documents:



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Plans for next week:

- Develop a web app for CRUD operation.
- Supporting with user authentication mechanism.

References:

- https://www.youtube.com/watch?v=X3qyx0_UTR4
- <https://www.youtube.com/watch?v=19RpMEonSu8>



Mr. Deven Chopra
External Guide

Prof. Pritesh Prajapati
Internal Guide