# 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: **Sneh Shah**   Roll No : **22IT140**      Week No: _____4_____

Duration: __**9th June**_ :_____**15TH June**____

Company Name: **Sunny Scientific Enterprise**

Project Name: **Full Stack Software Development**

**Summary of Work done the week (Attach supporting Documents):**

- Designed and implemented **MongoDB schemas** for Users, Chemicals, and Transactions using **Mongoose**.
- Built the **chemical entry form** on the frontend with fields for CAS number, chemical formula, expiry date, hazard classification, etc.
- Developed CRUD (Create, Read, Update, Delete) APIs in Express.js for managing chemical records.
- Performed **unit testing** of API routes using Postman.
- Integrated backend APIs with frontend forms for live data submission and retrieval.
- Held review session with mentor, received feedback on schema optimization and indexing for faster queries.

**Plans for next week:**

- Add **QR code generation** feature for each chemical.
- Design an **interactive dashboard** for displaying chemical data visually.
- Conduct functional testing for the chemical data entry workflow.

**External Guide**                                                                 **Internal Guide**

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