

**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: 2 Duration: 26/05/2025 : 30/05/2025

Project Name: Employee Management System

**Work done in last week (With supporting Documents) :**

26/05/2025 Monday

09:30-11:30	Understood CRUD operations (Create, Read, Update, Delete) and use of it in managing data.
12:00-02:30	Set up the project folder.
03:00-05:00	Designed MongoDB schema for employee data.

27/05/2025 Tuesday

09:30-11:30	Created backend APIs to add (create) and get (read) employee data from the database.
12:00-02:30	Tested the APIs using Postman to make sure the data is being saved and retrieved correctly.
03:00-05:00	Created APIs for updating and deleting employee records using employee IDs.

28/05/2025 Wednesday

09:30-11:30	Built a simple React frontend with a form to add new employee records.
12:00-02:30	Displayed the list of employees fetched from the backend API in a table.

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03:00-05:00	Added buttons and forms for updating and deleting employee data directly from the UI.
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29/05/2025    Thursday

09:30-11:30	Added form validation to ensure employee fields are not left empty and emails are valid.
12:00-02:30	Connected login authentication from previous task to protect access to employee dashboard.
03:00-05:00	Implemented role-based access control so only admin users can perform certain actions.

30/05/2025    Friday

09:30-11:30	Cleaned up UI using simple CSS for a better look and feel.
12:00-02:30	Tested the complete Employee Management System for CRUD functionality and access control.
03:00-05:00	Finalized documentation.

**Plans for next week:**

- To built an e-commerce platform.

**References:**

- <https://www.youtube.com/watch?v=YxrJ-H7U8Ag&list=PLbHwvMgcwgrJcl8VWxyJtKC442EgjdVTN&index=1>



**Mr. Deven Chopra**  
**External Guide**

**Prof. Pritesh Prajapati**  
**Internal Guide**