MERN Stack Training
Company: Sensation Software Solutions
Student Name: Tajinder Kaur
Training Duration: 6 Months
Days: 88

Objective of the Day

The objective of **Day 88** was to set up the **React frontend** and develop the **Task List UI** integrated with backend APIs.

Frontend Project Setup

The frontend was initialized using **Vite + React**. Essential dependencies such as Axios and React Router were installed.

Task List UI Development

The Task List page displayed:

- Task title
- Status badge with color coding
- Due date
- Image thumbnail

React state and lifecycle hooks were used to fetch data dynamically.

Status Filtering Feature

A dropdown filter was implemented allowing users to view tasks based on status. Backend filtering ensured efficient data fetching.

Loading & Error States

User-friendly loading indicators and error messages were added to enhance UX.

Learning Outcome

- API integration using Axios
- Dynamic rendering in React
- Real-time data updates

Conclusion

Day 88 delivered a **clean and responsive task listing interface** fully connected to backend APIs.