MERN Stack Training
Company: Sensation Software Solutions
Student Name: Gurvinder Singh
Training Duration: 6 Months
Days: 24

Objective of the Day

The objective of Day 24 was to understand **CRUD operations conceptually** and learn how **lists and dynamic data rendering** work in React.

Work Done on Day 24

The trainer explained **CRUD operations**:

- Create
- Read
- Update
- Delete

These operations were linked with **real-life applications** like To-Do lists.

Rendering Lists in React

We learned how to use `map()` to display dynamic data.

Example:

```
const tasks = ["Task 1", "Task 2", "Task 3"];

{tasks.map((task, index) => (
  <li key={index}>{task}</li>
))}
```

State-Based Data Update

The trainer demonstrated how to:

- Add items to a list
- Delete items from a list
- Update UI automatically

This created a foundation for building a To-Do List application.

Hands-on Practice

We practiced:

- Adding items to a list using input
- Deleting items using buttons
- Managing list data with state

Conclusion

Day 24 prepared us for **full CRUD-based React applications**, especially To-Do List projects.