MERN Stack Training
Company: Sensation Software Solutions
Student Name: Tajinder Kaur
Training Duration: 6 Months
Days: 37

Objective of the Day

The objective of Day 37 was to understand **Node Package Manager (npm)**, project initialization, and module management in Node.js.

Work Done on Day 37

The trainer explained how **npm** helps developers manage external libraries and dependencies. The importance of maintaining a structured backend project was discussed.

---

npm and package.json

Topics covered:

- npm initialization using `npm init`
- Structure of `package.json`
- Dependencies and devDependencies
- Version control of packages

The role of scripts inside `package.json` was also explained.

Modules in Node.js

The trainer explained:

- Built-in modules (fs, http, path)
- Custom modules
- Importing and exporting modules using `require`

```
const fs = require("fs");
```

Hands-on Practice

We practiced:

- Initializing a Node project
- Installing external packages
- Creating and using custom modules

Conclusion

Day 37 helped in understanding **project setup and dependency management**, which is essential for backend development in real projects.