

MERN Stack Training

Company: Sensation Software Solutions

Student Name: Tajinder Kaur

Training Duration: 6 Months

Days: 23

Objective of the Day

The objective of Day 23 was to learn **React Routing using React Router** and understand how navigation works in single-page applications.

Work Done on Day 23

The trainer explained the concept of **Single Page Applications (SPA)** and how React avoids page reloads.

After that, **React Router DOM** was introduced to manage multiple pages.

Routing in React

We learned about:

- BrowserRouter
- Routes
- Route
- Link

Example:

```
import { BrowserRouter, Routes, Route, Link } from "react-router-dom";

function App() {
  return (
    <BrowserRouter>
      <Link to="/">Home</Link>
      <Link to="/about">About</Link>

      <Routes>
        <Route path="/" element={<Home />} />
        <Route path="/about" element={<About />} />
      </Routes>
    </BrowserRouter>
  );
}
```

Hands-on Practice

We created a small multi-page React app with:

- Home page
- About page
- Contact page

Navigation was implemented without page reload.

Conclusion

Day 23 helped in understanding **application navigation**, which is required for all professional React projects.
