FSD Laboratory 04

Aim:

Enhance web page developed in earlier assignment by rendering Lists and Portals, Error Handling, Routers and style with React CSS also make it a responsive design to to scale well across PC, tablet and Mobile Phone

Objectives:
- Enhance User Interface and Experience
- Improve Application Robustness and Navigation

Theory: (Write down answers on pages)

1. How do Lists and Keys work in React?

2. What is a React Portal and when would you use one?

3. Discuss the importance of Error Boundaries in React.

4. How does React Router enable Single Page Application (SPA) functionality?

5. Explain the different ways to style a React application.

Problem Statement: Design webpage according to your roll number don't share the data with other (Upload data on your git account)

1. Enhance the previous "Task Manager" application to include a multi-page structure using React Router. The application will have a main page displaying the list of tasks and a separate "About" page. **(Roll Number 1 to 20)**
2. Expand the e-commerce product gallery application to include a responsive modal for displaying product details.. **(Roll Number 21 to 40)**
3. Develop a simplified blog application with a home page that lists blog posts and a separate page for each individual post. **(Roll Number 41 to 60)**
4. Create a dynamic user dashboard with multiple sections that can be navigated using tabs. **(Roll Number 61 Onwards)**