Day 12: Routing and Backend Integration

Title: *"BookVerse: Explore & Navigate Between Pages"*

User Story

As a **reader**,
 I want to navigate between the Home page and Book Details page,
 So that I can explore more about a book and see real-time book data.

Acceptance Criteria

- Use **json-server** to serve a local backend with books.json.

- Fetch book data using fetch() or axios.

- Configure **React Router** for navigation between /home and /book/:id.

- Implement **routing transitions** (simple fade in/out using CSS or a library).

- Create a **Higher Order Component (HOC)** for loading spinner functionality.

- Add a **Render Props** component for reusable UI elements (e.g., loading status or user greeting).

Technical Focus

- React Router (BrowserRouter, Routes, Link, useParams)

- Routing transitions

- json-server integration

- Higher Order Components, Render Props

- Time Estimate: ⏱ 60 mins