

React Blog Website - README

Overview

This is a simple React blog website where you can add, view, and delete book entries. The project uses React Router for page navigation, fetches data from a JSON server, and includes reusable components for a smooth user experience

Features

- Home page listing all books with titles and authors.
- Detailed page for each book with delete functionality.
- Create new book form with validation and loading states.
- Responsive navigation bar for easy access to pages.
- Custom hook for fetching data with loading and error handling.
- Clean, modern styling using CSS with Google Fonts.

Tools Used

- - React (with React Router DOM)
- - JavaScript (ES6+)
- - HTML & CSS (Quicksand font for styling)
- - JSON Server (for mock backend)

Components

- **App**: Root component setting up React Router and rendering Navbar and Routes.
- **Navbar**: Navigation menu with links to Home and New Book pages.
- **Homebar**: Displays list of books using Booklist component.
- **Booklist**: Shows preview cards of books with clickable links to details.
- **BookDetails**: Shows detailed info about a selected book and allows deleting it.
- **Create**: Form to add a new book entry.
- **NotFound**: 404 page for invalid routes.
- **useFetch**: Custom React hook to fetch data asynchronously and handle loading and errors.

CSS

- Uses Google Font "Quicksand" for typography.
- Responsive layout with clean and modern design.
- Styled components including navbar, book previews, detail page, and forms.
- Hover effects and transitions to enhance user interaction.

How to Run

1. Make sure you have Node.js and npm installed
2. Download the files.
3. Open the files on your text editor (e.g VsCode)
4. Install dependencies with `npm install`.
5. Start the JSON server with your book data at <http://localhost:8000/books>.
6. Run the React app using `npm start`.
7. Navigate the app to add, view, or delete books.

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