

Project: Book Library App

Objective:

The **Book Library App** will allow users to explore a collection of books, view detailed pages, add new books to the library, and access an "About" section and "Contact" page for more information.

Home Page Sections

The Home page will have the following sections to provide a well-rounded user experience:

1. **Header:**
 - The header includes the app's **logo** and a **navigation bar** with links to other pages (Home, Library, Add Book, About, and Contact).
 - A **Search Bar** allows users to search for books by title, author, or genre.
 2. **Hero Section:**
 - A visually appealing hero section that introduces users to the library.
 - Includes a welcoming message like "Discover Your Next Favorite Book" with a call-to-action button labeled "Browse Library" that takes users to the **Library** page.
 3. **Popular Books Section:**
 - A showcase of popular or featured books with a horizontal scroll.
 - Each book displays a **thumbnail image**, **title**, and **author**.
 - Clicking on a book redirects to its **Book Details** page.
 4. **Recently Added Books:**
 - A grid or list view of the latest books added to the library.
 - Each book entry includes a **title**, **author**, and a "View Details" button that links to the book's individual details page.
 5. **Footer:**
 - Contains links to the **About** and **Contact** pages, along with social media icons.
 - Provides quick links to "Home," "Library," and "Add Book" for easy navigation.
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App Routes

1. **Home Page (/)**
 - Displays the sections listed above.
 - Showcases popular books and recently added books to attract users.
2. **Library Page (/library)**
 - Displays the full collection of books in a grid or list view.

- Allows users to filter or sort books by categories like **genre**, **publication date**, and **author**.
 - Each book entry has a **thumbnail**, **title**, **author**, and **short description**, and clicking redirects to the book's details page.
3. **Book Details Page (/book/:id)**
 - Shows detailed information for a specific book, based on the ID passed in the URL.
 - Details include **title**, **author**, **genre**, **description**, **publication year**, and **cover image**.
 - Includes a "Back to Library" button to return to the Library page.
 - Optionally, add a section where users can add **comments** or **reviews** for the book.
 4. **Add Book Page (/add-book)**
 - A form allowing users to add a new book to the library.
 - Form fields include **Title**, **Author**, **Genre**, **Description**, and **Publication Year**.
 - On submission, the new book is added to the library, and users are redirected to the Library page or Home page with a success message.
 5. **About Page (/about)**
 - A page that provides information about the **Book Library App**.
 - Briefly describe the app's purpose, features, and technologies used.
 - Include a team section if applicable, introducing the developers or contributors.
 6. **Contact Page (/contact)**
 - A simple contact form that allows users to submit their name, email, and message.
 - Submissions could be directed to an email or saved in a database if a backend is implemented.
 - Include contact information like email and phone number, along with social media links.
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Component Structure

1. **Navigation Component:**
 - A reusable navigation component with links to Home, Library, Add Book, About, and Contact.
2. **BookCard Component:**
 - Displays individual book details in a card format, used across the Library, Popular Books, and Recently Added Books sections.
3. **SearchBar Component:**
 - Handles search functionality, used in both the header and Library page to filter books.
4. **Footer Component:**
 - A reusable footer component with links and social icons.

Additional Styling Tips

- **Consistent Styling:** Use a color scheme and typography that match the theme of a library or bookstore. Warm colors like shades of brown or dark green with white or cream backgrounds often work well.
- **Responsive Design:** Ensure all components and layouts are mobile-friendly.
- **Hover Effects:** Add subtle hover effects on buttons and book cards to improve interactivity.

This expanded project structure gives you all the routes and page details for a comprehensive **Book Library App** that provides a smooth user experience and easy navigation across various sections. Let me know if you'd like specific design or coding tips for any part!