

Project title: BookWallah

(online - book store)

Project Partners - Group 2

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Project scope

The goal of the BookWallah project is to create an extensive online bookstore with a wide range of books to satisfy the reading tastes of a broad customer base. The website, "**BookWallah**" will provide book lovers with an easy-to-use and safe space to peruse, buy, and interact with a wide selection of literary works.

This Application can handle large orders and offer commercial solutions in addition to meeting individual readers' demands. Book Wallah wants to be the go-to website for businesses and book lovers alike, with an emphasis on scalability, security, and user experience, where users can search for their interests easily and have safe transactions.

The databases we will be using:

- **Database of all Bookstores available for "**BookWallah**"**
 - Store location details
 - Store Owner contact details, name, email address, Account Details
 - Open - Close Timings
- **Database of Books**
 - BookID, StoreName, Genre
 - Price, Total Pages, Language
 - Rating Details
- **Database of Order**
 - OrderID, Transaction details, OrderDate, Amount, Status
- **Database of User**
 - Name, Email Address, Phone Number, Delivery Address,Payment details
 - Order History

Functional Requirements

Developing a B2C online book retailer such as BookWallah requires establishing the technical specifications necessary to provide a stable, dependable, and user-friendly platform.

- **website and mobile app development :**

Create a user-friendly and responsive website to accommodate both desktop and mobile visitors. To improve user accessibility, develop native mobile applications for the iOS and Android platforms.

- **Design and user interface (UI):**

Create a user-friendly interface for your online bookstore.

- **Book Catalog:**

Create a sophisticated catalog system to organize and display books. Include categories, genres, and search functions.

Provide extensive information about each book, such as the title, author, description, price, and cover image.

- **Shopping cart and checkout:**

Create a safe and easy-to-use shopping cart system.

Create a streamlined checkout procedure with a variety of payment methods (credit cards, digital wallets, etc.).

- **User Accounts:**

Allow users to set up accounts to track orders, manage wishlists, and personalize their experience.

Set up a secure authentication system for user logins.

- **Search functionality:**

Add a strong search engine to help users find books fast and simply.

Consider implementing filters and sorting options to improve the user experience.

- **Payment Gateway Integration:**

Integrate a dependable and secure payment gateway to support online transactions. Maintain compliance with security requirements when managing sensitive customer information.

- **Security Measures:**

Implement SSL certificates to ensure safe data transmission.

To protect yourself from vulnerabilities, keep your software up to date and patched regularly.

Follow standard practices for secure code.

Technical requirements

- **Front end:**

- Using **HTML**, **CSS** and **JavaScript**

- **Backend:**

- **Python**, **JavaScript**

- **Database:**

- Using **MySQL** to store and manage data