Website Name: The Literary Haven

Description of the Topic:

The Literary Haven is an online bookstore and digital library that aims to provide readers with a vast collection of books across various genres. The website will not only allow users to browse and purchase physical books but also offer a selection of digital books that can be read online or downloaded. In addition to the bookstore features, The Literary Haven will include a community section where users can discuss books, share reviews, and participate in book clubs. The website is designed to be a one-stop destination for book lovers, offering the latest bestsellers and classic literature. The focus will be on creating an engaging, user-friendly platform that caters to the needs of avid readers and casual browsers alike.

Page Names:

1. Home - The landing page that introduces users to the website and highlights featured books and promotions.

2. Browse Books - A searchable and filterable catalog of all available books, with categories such as genre, author, and price.

3. Digital Library - A section dedicated to digital books, where users can read or download ebooks.

4. Community - A forum-style page where users can discuss books, post reviews, and join book clubs.

5. About Us - Information about the website, its mission, and the team behind it.

<u>A description of data:</u>

Data Storage, Manipulation, and Viewing:

The Literary Haven will store and manage several types of data:

1. **User Accounts**: User information including username, password (hashed for security), email, and account preferences. This data will be used for login authentication and personalizing the user experience. Users will be able to create accounts, log in, and edit their profiles.
2. **Book Inventory**: A database containing details about each book, such as title, author, genre, price, availability (in stock or out of stock), and format (physical or digital). Administrators will have the ability to add, edit, and delete books from the inventory.
3. **Purchase History**: For users who buy books, their purchase history will be stored, including the date of purchase, books purchased, and total cost. This will allow users to review their past orders and download purchased digital books.
4. **Community Posts and Reviews**: Users will be able to post book reviews and participate in discussions. The website will store these posts, allowing users to edit or delete their contributions. Moderators will have the ability to manage posts to ensure that the community remains friendly and respectful.
5. **Reading Lists**: Users can create and manage personalized reading lists, which will be stored in the database. These lists can include books they want to read in the future, books they have read, or books they are currently reading.