# **Online Book Store**

The project is an ecommerce website, primarily focused on selling books, with categories organized by genre and author. The site will be named "Hyupa Book Store" and will include a landing page, shop page, product detail page, cart, checkout, and additional supporting pages.

1. **Landing Page:**
   * **Design:** A welcoming design with a hero banner, highlighting popular or new books. Navigation links to different book categories and author collections.
   * **Features:**
     1. Search bar for book titles, authors, or genres.
     2. Newsletter signup for exclusive deals and updates.
     3. Quick links to the shop page, best-sellers, and book recommendations based on user interests.
2. **Shop Page:**
   * **Design:** A grid layout showcasing book thumbnails with brief descriptions, ratings, prices, and "Add to Cart" buttons.
   * **Features:**
     1. Filtering options by category (genre, author, price range).
     2. Sorting by popularity, latest releases, prices, and user ratings.
     3. Pagination for easier browsing.
3. **Product Page:**
   * **Design:** Detailed view of the book selected, including title, author, genre, description, reviews, and similar products.
   * **Features:**
     1. "Add to Cart" button with quantity selection.
     2. User reviews and ratings.
     3. Option to add books to a Wishlist.
     4. Related book recommendations.
4. **Cart Page:**
   * **Design:** Display a list of books added to the cart with the option to modify quantity, remove books, and view the subtotal.
   * **Features:**
     1. Increment and decrement functionality for product quantity.
     2. Display of applicable offers or discounts.
     3. Summary of shipping charges, taxes, and total amount payable.
5. **Checkout Page:**
   * **Design:** Simple, clean form layout for billing, shipping details, and payment options.
   * **Features:**
     1. Payment integration (Credit/Debit Card, PayPal, etc.).
     2. Summary of the order, including shipping information and estimated delivery date.
     3. Order confirmation email upon successful payment.
6. **User Accounts and Authentication:**
   * **Features:**
     1. Registration and login functionalities for users.
     2. Profile page to view order history and manage addresses.
     3. Password reset and update options.
7. **Search, Filter, and Sort Algorithms:**
   * Full-text search for titles and authors.
   * Advanced filtering for genres, price ranges, and ratings.
   * Sorting algorithms for price, popularity, or review scores.
8. **Additional Pages**:
   * **About Us:** Details about the Hyupa Book Store and its mission.
   * **Contact Us:** A contact form for queries and support.
   * **FAQ:** Frequently Asked Questions for user support.
9. **Responsive Design:**
   * Ensure that the site is mobile-friendly.

All this would be done in following language for different layers of the site:

**Frontend**

* Html
* CSS
* JS / jQuery
* Bootstrap

**Backend**

* Django

**Database**

* SQL lite

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