1) Homepage / Search / See All Books

Purpose: Entry point for users to browse and search books.

Logic / Features:

- Displays **all available books** or **search results** based on title, category, author, or publisher.
- Includes **navbar** with links to:
  - Home
  - Edit Profile
  - Shopping Cart
  - Sign Out
- Books display basic details: title, author(s), price, and availability.
- Users can **click a book** to add it to the shopping cart.

Admin Logic (if included in homepage):

- Admin sees additional options like **Add New Book** or **Manage Orders** in the navbar.

---

2) Shopping Cart

Purpose: Allows customers to manage selected books before placing an order.

Logic / Features:

- Shows **list of books in the cart** with quantity, price, and subtotal for each book.
- Users can:
  - **Add more copies** of a book (if stock available)
  - **Remove a book**
  - See **total price** of the cart
  - **Proceed to checkout**
- Checkout requires:
  - Selecting or entering a **payment method**
  - Validating **credit card info** if applicable
  - Finalizing the purchase **updates stock** and generates a **customer_order record**

---

3) Edit Profile

Purpose: Allows users to maintain their personal information.

Logic / Features:

- Users can **edit fields** such as:
    - Name, Email, Address (city, street, apartment)
    - Password (with validation)
- Changes are **saved to the `user` table** via SQL update.

---

4) Sign Out

Purpose: Logs the user out of the system.

Logic / Features:

- Ends the **session**
- Redirects the user to the **login page**
- Clears the **current shopping cart session**

---

5) Admin-Specific Screens

If your project has admin pages, include them:

a) Add / Edit Books

- **Add New Book:** Admin fills in ISBN, title, authors, publisher, price, stock, category, and threshold.
- **Edit Book:** Admin can search for a book and update:
    - Quantity in stock
    - Price or other details (cannot reduce quantity below 0)
- **Triggers** automatically create a **publisher order** if stock drops below threshold.

b) Confirm Orders

- Admin can **see pending publisher orders**
- Admin marks order as **Confirmed / Received**
- Confirming automatically **updates the book stock** in the system

c) Reports

- Admin can generate:
    - Total sales by day or month
    - Top 5 customers in last 3 months

- Top 10 selling books in last 3 months
- Number of times a book was reordered