**Project Name: Online Book Management system**

**Objective:** The objective of this project is to design and develop a platform that allows users to buy, return, and sell used books. The system includes a feature for users to create accounts and log in, allowing them to manage their profiles, view transaction history, and perform actions such as purchasing, selling, and returning books. The system also offers a unique feature where users receive 60% of the book’s original price upon selling a used book.

**Requirements**

**Software**:

1. HTML, CSS, and JavaScript for frontend development
2. Node.js with Express for backend development
3. SQL Server for database management

**Features:**

**1. User Authentication**

* Sign Up: New users can create an account to access platform features.
* Log In: Returning users can log in with their credentials.
* Account Management: Users can manage their profile, view purchase history, and track current orders.

**2. Homepage Navigation**

* Top Navigation Bar: Includes logo, links to Home, About Us, Contact, Search bar, and options for Sign Up and Log In.
* Search Bar: Allows users to search for books by title, author, or keyword.

**3. Book Listings**

* Featured Books Section: Displays available books and bestsellers on the homepage.
* Clickable Book Thumbnails: Each book is clickable, leading to a detailed page.

**4. Book Detail Pages**

* Book Information: Displays the book’s title, author, price, description, and availability.
* Add to Cart and Buy Now Options: Allows users to add books to their cart or purchase directly.

**5. Shopping Cart and Checkout**

* Cart Functionality: Users can view, add, and remove items from their cart.
* Checkout Process: Supports a straightforward checkout with an option to review order details.

**6. Payment Options**

* Online Payment Methods: Offers payments through Bkash, Nagad, Rocket, and card payment options.

**7. Book Buyback Program**

* Sell Book: Users can sell used books back to the platform.
* 60% Refund: Users receive 60% of the original price for books they sell, subject to condition.

**8. Return Option**

* Return Purchased Books: Users have the option to return books within a specific time frame, with terms for eligibility and condition.

**9. About and Contact Pages**

* About Us: Information about the platform’s mission, team, and services.
* Contact Form: Allows users to reach out for inquiries, support, or feedback.

**10. Admin Panel**

* Book Inventory Management: Add, update, or remove book listings.
* User Management: Monitor and manage user accounts and activity.
* Transaction History: View records of purchases, buybacks, and returns for tracking and analytics.

**Over view of our project**: The homepage will feature a top navigation bar with our logo on the left, linking back to the homepage. This bar will also include links to essential sections like Home, About Us, and Contact, as well as a search option for users to find books by title, author, or keyword. Additionally, users will have options to Sign Up to create a new account or Log In to access an existing one. The main content area will display a selection of available books, including popular and bestselling titles. Each book will be clickable, leading to a dedicated page where users can view the book’s details, such as title, author, genre, price, and a comprehensive description. On this page, users will find options to Add to Cart or Buy Now. They can proceed to checkout using online payment methods, including mobile payment options like bKash, Nagad, and Rocket, as well as card payment options. This setup aims to provide a user-friendly browsing and purchasing experience, ensuring easy access to book details and seamless transaction options.