Project Proposal: Online Bookstore Web Application

Student Name: Fatemeh Darbansheikh

Student Number: 40121973112

Project Vision:

The vision of this project is to develop an Online Bookstore Web Application that makes it easy and enjoyable for users to find, buy and review books online. The system is designed to create a modern and user-friendly environment where people can explore books from different categories, manage their accounts, and complete their purchases securely. This project aims to make book shopping more convenient and accessible for everyone, while also helping administrators manage books, users and orders efficiently.

Target Audience:

This application is mainly designed for readers and book lovers who enjoy buying or exploring books online. It can also be useful for people who do not know much about books and just want to start reading. In addition, the system helps administrators manage users, books, and orders in an organized and efficient way.

Core Features: User Stories

- **Account Management**
    1. As a visitor, I want to sign up, so that I can create an account.
    2. As a user, I want to log in securely, so that I can access my account.
    3. As a user, I want to reset my password, so that I can regain access to my account.
    4. As a user, I want to manage and edit my profile information, so that my data is accurate.
    5. As a user, I want to delete my account, so that I can permanently remove my data from platform.
    6. As a user, I want to log out, so that my account stays safe.

- **Browsing and Searching Books**
    7. As a visitor/user, I want to browse books by categories/genres, so that I can explore options.
    8. As a visitor/user, I want to filter books, so that I can narrow down my search results.
    9. As a visitor/user, I want to sort results, so that I can choose what fits me.
    10. As a visitor/user, I want to search for books by keywords, so that I can find what I want.
    11. As a visitor/user, I want to have complete book details, so that I can evaluate it.
    12. As a visitor/user, I want to have book recommendations, so that I can discover books I like.

- **Shopping Cart**
    13. As a user, I want to add books to my cart, so that I can purchase later.
    14. As a user, I want to modify quantity of books, so that I can adjust my order.
    15. As a user, I want to remove books from my cart, so that I can finalize my purchase list.

- **Wishlist**
    16. As a user, I want to add books to my Wishlist, so that I can save and view or buy them later.
    17. As a user, I want to remove books from my Wishlist, so that I can manage my preferred books.

- **Order and Payment**
    18. As a user, I want to review my order summary before payment, so that I can confirm it.
    19. As a user, I want to place an order, so that I can purchase selected books.
    20. As a user, I want to pay online securely, so that I can complete my purchase.
    21. As a user, I want to receive an order confirmation, so that I know my purchase was successful.
    22. As a user, I want to view my order history, so that I can check my previous purchases.

- **Delivery Management**
    23. As a user, I want to view my order status, so that I can monitor the progress.

24. As a user, I want to cancel order before shipment, so that I can change my mind if needed.

- **Reviews and Ratings**
  25. As a user, I want to rate books, so that I can share my feedback.
  26. As a user, I want to write reviews, so that I can help others.
  27. As a user, I want to read other reviews, so that I can make better decisions.

- **Admin Panel**
  28. As an admin, I want to manage user accounts, so that I can supervise user activity.
  29. As an admin, I want to manage books, so that all information remains accurate and updated.
  30. As an admin, I want to manage customer orders, so that I can manage purchases.
  31. As an admin, I want to view analytics dashboards/reports, so that I can track business performance.

- **Notifications**
  32. As a user, I want to receive email notifications, so that I can stay informed.
  33. As an admin, I want to manage announcements or promotional notifications, so that I can increase user engagement.

- **Support**
  34. As a user, I want to connect customer support, so that I can ask questions or solve issues.
  35. As an admin, I want to view and respond to users, so that I can solve their issues.

- **System**
  36. As a system, I want to display meaningful error messages, so that users understand what went wrong.

Links:

GitHub Repository: https://github.com/FatemehDarbansheikh/SELab-Bookstore

Project Management Board: https://app.taskamoon.ir/projects/edit/102a9dc7-3249-44db-8607-55afc1003552?tab=Dashboard