

Application of Information and Communication Technologies

Semester Project

Building a website (Front end)

Book’s Nest ( Online Book Store )

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Submitted to:

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**Outline of the features and functionalities of Book’s Nest:**

Homepage:

• Featured Books

• New Releases

Book Listings:

• Categorized by genre, author, and popularity

• Search functionality

Book Details:

• Cover image

• Title, author, genre, publication date, etc.

• Book description

• Price

User Accounts:

• User registration and login

Checkout:

• Address entry

• Payment options (credit card, PayPal, etc.)

• Order confirmation

Responsive Design:

• Ensure the website works well on various devices (desktop, tablet, mobile)

User Feedback:

• Ratings and reviews for books

Technical Constraints/Considerations:

Performance:

• Optimize images and assets for faster loading times

Cross-Browser Compatibility:

• Ensure the website works on major browsers (Chrome, Firefox, Safari, Edge)

Scalability:

• Design the website architecture to handle potential future growth in users and products

Accessibility:

• Ensure the website is accessible to users with disabilities.

Testing:

• Plan for thorough testing, including usability testing and cross-device testing

**USER STORIES**

1. As a user, I want to be able to create a new account on the book website so that I can personalize my experience and track my activities.
2. As a user, I want to search for books by title, author, or genre so that I can easily find and explore books that match my interests.
3. As a user, I want to view detailed information about a specific book, including its summary, author details, and user reviews, to make informed decisions before reading or purchasing.
4. As a user, I want to be able to leave reviews and ratings for books I've read to share my opinions with the community and help others make decisions.
5. As a user, I want to have the option to purchase physical or digital copies of books directly from the website, streamlining the buying process.
6. As a user, I want to receive notifications about new releases, promotions, and updates related to my favorite authors or genres to stay informed and engaged.
7. As a user, I want a user-friendly interface that is accessible across various devices, ensuring a seamless experience whether I'm using a computer, tablet, or smartphone.
8. As an administrator, I want the ability to manage and update book listings, including adding new books, removing outdated ones, and modifying book details.
9. As an administrator, I want to monitor user activity, track popular books, and gather insights into user preferences, helping me enhance the overall website experience.