PRODUCT REQUIREMENTS

Example Document Title

A plain paragraph having some textbold and some italic.

Heading, level 1

Intense quote

first item in unordered list

first item in ordered list

Online Bookstore Requirements Report  
  
Introduction:  
This report outlines the fundamental requirements for setting up an online bookstore. The objective is to create a user-friendly, efficient, and comprehensive online platform that caters to readers and book enthusiasts, providing them with a wide range of books and related products. The requirements are categorized into several sections for clarity.  
  
1. Website Interface and Design:  
 - The website should have a clean, attractive, and responsive design that adjusts to different screen sizes and devices.  
 - It should feature an intuitive navigation system that allows users to easily browse through categories, search for specific titles, authors, or genres, and access other site functionalities.  
 - High-quality images of book covers along with detailed descriptions, including author, publisher, publication date, ISBN, and available formats (hardcover, paperback, e-book).  
  
2. User Registration and Account Management:  
 - Users should be able to register for an account using their email address or social media logins to manage their profiles, view order history, and track current orders.  
 - Account holders should have the capability to create wish lists, rate and review books, and receive personalized recommendations based on their browsing and purchase history.  
  
3. Catalog Management:  
 - The backend system must allow for easy management of the book catalog, including adding new titles, updating book details, and removing outdated or out-of-stock items.  
 - The system should support categorizing books into various genres and subgenres to facilitate easy browsing.  
  
4. Search Functionality:  
 - An advanced search feature that allows users to search for books by title, author, ISBN, or keywords.  
 - Filters for narrowing down search results based on genre, price, publication date, and customer ratings.  
  
5. Shopping Cart and Checkout Process:  
 - A seamless shopping cart experience that allows users to add multiple items, view cart summaries, and modify quantities or remove items before checkout.  
 - A secure and straightforward checkout process, supporting multiple payment options including credit/debit cards, PayPal, and other online payment systems.  
 - An option for guests to check out without creating an account, with the encouragement to register for future convenience.  
  
6. Shipping and Delivery:  
 - Multiple shipping options, including standard, expedited, and international shipping, with clear pricing and delivery timeframes.  
 - Real-time tracking information for orders.  
  
7. Customer Support and Services:  
 - A comprehensive FAQ section addressing common questions and concerns.  
 - Multiple channels for customer support, including email, live chat, and phone, with prompt and helpful service.  
 - A return and refund policy that is clearly stated and easy to understand.  
  
8. Security and Privacy:  
 - Implementation of strong security measures to protect user data and transactions, including SSL encryption and compliance with PCI DSS standards.  
 - A clear and concise privacy policy that outlines the collection, use, and protection of user data.  
  
9. Marketing and Promotions:  
 - Features for highlighting new releases, bestsellers, and promotional offers on the homepage.  
 - Email marketing capabilities to send subscribers personalized recommendations, promotional offers, and newsletters.  
  
10. Analytics and Reporting:  
 - Integration with analytics tools to track website traffic, user behavior, sales trends, and inventory levels.  
 - Reporting features for sales, customer demographics, and inventory management to aid in strategic decision-making.  
  
Conclusion:  
The successful implementation of these requirements will establish a robust, user-friendly, and competitive online bookstore. It is crucial to prioritize the needs and preferences of the target audience throughout the development process to ensure a pleasant and engaging shopping experience. Continuous evaluation and updates based on customer feedback and technological advancements will further enhance the platform's effectiveness and popularity.

US01\_Login Function

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| **Section Name** | **Section Description** |
| User Story | As an online bookstore user, I want to securely log in to my account so that I can access my personalized book recommendations, purchase history, and manage my wishlist. |
| Pre-condition | The user must have previously created an account with the online bookstore, possessing a valid email and password combination. |
| Description with User Workflow | 1. The user navigates to the online bookstore login page. 2. The user is prompted to enter their email address and password. 3. The user clicks the 'Log In' button to proceed. 4. If the credentials are correct, the user is redirected to their personalized dashboard. 5. If the credentials are incorrect, an error message is displayed, and the user is asked to try again or reset their password. |
| Post-condition | Upon successful login, the user gains access to their personalized dashboard where they can view personalized book recommendations, their purchase history, and manage their wishlist. |
| Acceptance Criteria | 1. The login page must securely authenticate users by validating their email and password. 2. The system must provide an error message for invalid login attempts. 3. The user must be redirected to their personalized dashboard upon successful login. 4. The system must offer an option to reset the password in case the user forgets it. |
| Edge Case | 1. If the user enters an email that does not exist in the system, display 'This email is not registered.' 2. If the user enters a correct email but wrong password combination three times, temporarily lock the account for 15 minutes to prevent brute force attacks. 3. If the user tries to navigate directly to a personalized page without logging in, redirect them to the login page with a message stating they need to log in first. |