SRS DOCUMENTATION FOR PRACTICE FOR ONLINE BOOK STORE

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PURPOSE

The purpose of the Online Bookstore is to provide a userfriendly platform where customers can easily browse, search, and purchase a wide variety of books from the comfort of their homes. It aims to enhance the reading experience by offering personalized recommendations and facilitating user reviews and ratings.

SCOPE

**Platform**: Webbased application for browsing, searching, and purchasing books.

**User Features**:

* Account management (registration, login, profile)
* Shopping cart with secure checkout
* Order tracking
* User reviews and ratings

**Focus Areas**:

* Enhancing user experience
* Ensuring data security

**Exclusions**:

* Physical book sales
* Author publishing services

DEFINATION, ACRONYMS AND ABBREVIATION

Definitions

Online Bookstore: A web based platform that allows users to browse, search, and purchase books electronically.

User: An individual who visits the online bookstore to browse and purchase books.

Shopping Cart: A feature that allows users to select and manage books for purchase before checking out.

Order Tracking: The process of monitoring the status of a user's order after purchase.

Acronyms:

SRS: Software Requirements Specification

BRD: Business Requirements Document

SRD: System Requirements Document

API: Application Programming Interface

ISBN: International Standard Book Number

Abbreviations:

UX: User Experience

UI: User Interface

DB: Database

SSL: Secure Sockets Layer (for secure transactions)

GDPR: General Data Protection Regulation (data protection compliance)

OVERVIEW

* + The Online Bookstore aims to create a seamless shopping experience for book lovers by providing a comprehensive catalog of titles across various genres.
  + Users will be able to easily navigate the platform, search for books, and manage their purchases through an intuitive interface.
  + The application will prioritize security and user privacy, ensuring safe transactions and data protection.
  + Additionally, it will feature community engagement through user reviews and ratings to enhance the overall shopping experience.

**PRODUCT PERSPECTIVE**

* **User Experience :** navigation and robust search feature

Personalize recommendation based on user behaviour

**Content Variety :**

Diverse Inventory ( genre , formats ) and user generated reviews

**Community Engagement :**

Book club , community and virtual author interaction events

**Marketing Statergies**

Email newsletter

Influencer marketing

Social Media presence

**Customer Support :**

Live Chats and comprehensive FAQ solutions

**Payment Options :**

Multiple payment options and subscription available

PRODUCT FUNCTIONALITY

* User Account
* Search and browse
* Book Details
* Personalized Recommendation
* Shopping Cart and Checkouts
* Payment Processing
* Digital Content Delivery
* User reviews and ratings
* Order tracking
* Customer Support
* Mobile Compatibility
* Wishlist

USER CLASS AND PERSPECTIVE

Casual reader

Avid reader

Student

Professional

**User characteristic**

* Demographics
* Technology Savvy
* Reading Habits
* Budget Sensitivity
* Social Engagement

**FUNCTIONAL CHARACTERISTIC**

**NON -FUNCTIONAL CHARACTERISTIC**

1. Performance: Fast loading and smooth handling of high user traffic.

2. Security: Strong encryption and secure payment processing.

3. Usability: Intuitive design for easy navigation and purchasing.

4. Scalability: Ability to grow with increased users and inventory.

USE CASE DIAGRAM