

Title: Online Bookstore SRS

1. Introduction

The purpose of this system is to develop an online bookstore application that allows users to browse, search, and purchase books.

2. Functional Requirements

2.1 User Registration and Login

- The system shall allow users to register with a valid email and password.
- The system shall allow registered users to log in and log out.

2.2 Book Browsing and Searching

- The system shall display a list of available books.
- The system shall allow users to search books by title, author, or category.

2.3 Shopping Cart and Checkout

- The system shall allow users to add or remove books from the shopping cart.
- The system shall allow users to place orders and make secure payments.

2.4 Admin Features

- The system shall allow admins to add, update, and delete book information.
- The system shall allow admins to view all orders and user details.

3. Non-Functional Requirements

- The system shall support up to 500 concurrent users.
- The system shall respond to user actions within 3 seconds.
- The system shall encrypt all user passwords and payment data.

4. Constraints

- The system shall run on web browsers (Chrome, Firefox, Edge).
- The system shall use a relational database for data storage.