Requirements Document

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Version	1.0
Date	23rd January 2050
Revised on	23rd January 2050

Application	http://bookstore.qacurry.com/

Functional Requirements:

FR1 - User Login:

- **FR1.1 -** Users should be able to login with a valid email address.
- **FR1.2 -** Users should not be able to signup directly.

FR2 - Browse and Search:

- **FR2.1 -** Users can browse books by category, author, or genre.
- **FR2.2 -** A search functionality allows users to find books by title or keyword.

FR3 - Book Details:

- **FR3.1 -** Each book should have a dedicated page displaying details such as title, author, description, price, and availability.

FR4 - Shopping Cart:

- **FR4.1 -** Users can add books to a shopping cart for later purchase.
- **FR4.2 -** The shopping cart should display the total price and allow users to modify quantities or remove items.

FR5 - Checkout:

- **FR5.1 -** Users should be able to proceed to checkout, enter shipping details, and choose a payment method.
- **FR5.2 -** Confirmation emails should be sent after successful purchases.

Non-Functional Requirements:

NFR1 - Performance:

- **NFR1.1 -** The website should load within 3 seconds.
- **NFR1.2 -** Support concurrent access by at least 1000 users.

NFR2 - Scalability:

- **NFR2.1 -** The system should easily scale to accommodate a growing number of books, users, and transactions.

NFR3 - Security:

- **NFR3.1 -** User passwords should be securely stored using encryption.
- **NFR3.2 -** Payment information must be handled securely, complying with industry standards.

NFR4 - Usability:

- **NFR4.1 -** The website should be intuitive and easy to navigate.
- **NFR4.2 -** Support for various devices and browsers for a consistent user experience.

NFR5 - Reliability:

- **NFR5.1 -** The website should be available 99.9% of the time.
- **NFR5.2 -** Regular backups of user data and transaction records.

NFR6 - Compatibility:

- **NFR6.1 -** Support for major web browsers (Chrome, Firefox, Safari, Edge).
- **NFR6.2 -** Responsive design for various devices (desktops, tablets, smartphones).