

FUNCTIONAL REQUIREMENTS

- **FR-001: User Registration and Login**

Users must be able to sign up with an email address, username, phone number and password.

- **FR-002: View Book Recommendations**

Users must be able to view book recommendations on the homepage.

- **FR-003: Search for Books**

Users must be able to search for books by title, author, or keywords.

- **FR-004: Sort and Filter**

Users must be able to sort search results by price and filter results by genre and buy/rent preference.

- **FR-005: View Book Details**

Users must be able to click on a book and view its details, including author name, description, price of rent or buy and reader's score.

- **FR-006: Add Books to Cart**

Users must be able to add books to their cart for checkout.

- **FR-007: Checkout**

Users must be able to complete the checkout process for books in the cart.

- **FR-008: Put Books for Rent**

Users must be able to list a book for rent by providing details like title, author, price, ISBN number, duration and description.

- **FR-009: Put Books for Sell**

Users must be able to list a book for sale by providing details like title, price, ISBN number and description.

- **FR-010: View and Edit Profile**

Users must be able to view and edit their profile information (name, e-mail, contact number).

- **FR-011: Reader's Score**

Users must be able to score another user based on the condition of the book rented or bought.

- **FR-012: Transaction History**

Users must be able to see a log of their past transactions (rented books, books rented out, books bought and books sold).

- **FR-013: Logout**

Users must be able to log out of their accounts.

- **FR-014: Buy/Rent Books**

Users should be able to buy or rent books that they have viewed.

- **FR-015: Wishlist**

Users should be able to add books that they might want to buy or rent in the future to their wishlist.