

Books Renting & Buying Application

Team of 2 – specification draft

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General Description:

The application is meant to help both the library and the customers by offering the possibility to increase library's visibility and offer easy access to a wide variety of books to clients. Moreover, customers have the possibility to rent a book or even buy it.

Registration:

1. The user (seller/client) needs to first log in into the application or to press register, if he does not have an account yet.
2. **Log in:** the user has to fill his username and a password and he will be redirected to his menu, which depends on his role: seller or client. Also, if he does not have actually an account, he can try again and register via a button which redirect him.
3. **Register:** the user has to choose a unique username, a password (which must be at least 8 characters) and then to complete his profile with details such as: full name, role (seller/client), e-mail address, phone number, age. After all of these are done, he will be redirected to the Log In window.

Library

After the Librarian logs in, Librarian Menu will be displayed with a List of Books and 4 buttons: Add Book, Edit Book, View Requests or View History of books. The user will be able to press any of these buttons and he will be redirected to one of the following windows:

- **Add Book**
A new page is displayed to the Librarian with a form where the Librarian will insert the details about the book he wants to add (title, author, description, if it is meant to be rented or sold).
- **Edit Book**
Librarian clicks "Edit" button of the book he wants to edit to change its details (title/ author/ description/ price/ availability).
- **View Requests**
After clicking the button, a new page is displayed to the Librarian with a list of requests for borrowing books and their main details (client, title, author).
The Librarian is able to either "Accept" or "Decline" a specific request by 2 buttons.

- **View History**

After clicking the button, a new page is displayed to the Librarian with a list of both borrowed and sold books and their main details (title, author).

Customer

After the Customer logs in, he will be able to see a List of Books. He can search a specific book by its title or author by a “Search” button.

The customer can see his last purchases/rents by a “View History” button.

By pressing any book’s title, the user will be redirected to a window with all the details the book has and three buttons: “Buy Book”, “Rent Book” and “Back”.

- **View History**

The customer can see his last purchases/rents.

- **Search Book**

The customer will complete the field by mentioning the title or author.

The specific book will be listed and the customer will click on it to view further information about the item.

❖ **EXCEPTION**: If the books does not match any book from DB, the customer will receive a pop-up message which notifies him.

- **Buy Book**

The customer creates an order containing current item and previous selected one, if it is the case.

- **Rent Book**

The customer will complete a request by mentioning the title, author and period for the book he is interested in.

