

UC1: User Registration and Login

Scope: User Registration and Login

Description: This use case describes the process of a user registering for a new account or logging into the system.

Level: User Goal

Primary Actor:

User

Supporting Actors:

Authentication System

Pre-Conditions:

- The user must have an active internet connection.
- The system must be operational.

Main Scenario (Login):

1. The user navigates to the login page.
2. The system prompts for email and password.
3. The user enters valid credentials.
4. The Authentication System validates the credentials.
5. The user is logged in successfully and redirected to the homepage.

Alternative Scenario (Forgot Password):

1. The user enters incorrect credentials three times.
2. The system locks the account temporarily and shows a "Forgot Password" button.
3. The user clicks "Forgot Password" and is prompted to enter their registered email.
4. The system sends a password reset link via email.
5. The user clicks the link, resets the password, and logs in with the new password.

Post-Conditions:

- The user is logged in.
 - The user can access all system features based on their role.
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UC2: Book Listing

Scope: Book Listing

Description: This use case describes the process of users adding books to the platform with

detailed information.

Level: User Goal

Primary Actor:

User

Supporting Actors:

None

Pre-Conditions:

- The user must be logged in.
- The user has a book to list.

Main Scenario:

1. The user navigates to the "Add Book" section.
2. The system prompts the user to fill in book details (e.g., title, author, genre, condition).
3. The user uploads a photo of the book.
4. The system validates the entered details.
5. The book is successfully listed and made available for browsing by others.

Post-Conditions:

- The book is visible to other users on the platform.
- The listing is stored in the system database.