

User Story & Acceptance Criteria

1. Library Owner - Online Reservation System

User Story:

As a Library owner

I want an online platform

So that members can check the status of books online and reserve them, thereby avoiding the hassle of visiting the library and searching for books.

Acceptance Criteria:

Given that I am a library member,

When I log in to the online platform,

Then I should be able to search for books by title, author, or category.

When a book is available,

Then I should see its status as "Available" and have the option to reserve it.

When a book is already reserved or checked out,

Then I should see its status as "Not Available" and be unable to reserve it.

2. Library Member – Book Reservation

User Story:

As a Library Member,

I want to search and reserve books online,

So that I save time and avoid unnecessary visits.

Acceptance Criteria:

Given I am logged in

When I search for a book

Then I should see results filtered by title, author, or genre.

Given that a book is available

When I click "Reserve,"

Then the system should confirm my reservation.

Given that a book is unavailable,
When I click "Reserve,"
Then the system should show "Not Available" and allow me to opt for notifications.

3. Library Member – Notifications

User Story:

As a Library Member,
I want to get notified when a book is restocked or a new release is available,
So that I don't miss out on books I'm interested in.

Acceptance Criteria:

Given I have enabled notifications,
When a reserved book becomes available,
Then I should get a notification.

Given that I have subscribed to new release alerts,
When a new book is added,
Then I should receive a notification.

4. Library Member – Reservation Management

User Story:

As a Library Member,
I want to view and cancel my reservations,
So that I can manage my borrowed books more effectively.

Acceptance Criteria:

Given I am logged in,
When I go to "My Reservations,"
Then I should see a list of my active reservations.

Given I have an active reservation,
When I click "Cancel,"
Then the reservation should be removed, and the book becomes available to others.

5. Librarian – Returns

User Story:

As a Librarian,

I want to track book returns,

So that the inventory is updated and books become available for other members.

Acceptance Criteria:

Given a member returns a book,

When I update the status,

Then the system should mark it as “Available.”

Given that a return is late,

When I update the return,

Then the system should log it as “Overdue.”