

User Scenario for Library System

Test Description	Expected Result
<p>1. Borrow a Book</p> <p>The user selects a book to borrow from the library.</p> <p>Steps:</p> <ol style="list-style-type: none">1. User navigates to the list of books.2. User clicks on the "Borrow" button next to a book with status "Available."	<ul style="list-style-type: none">• The book's status changes to "Borrowed."• The user receives a confirmation message: "Book borrowed successfully!"• The book no longer shows a "Borrow" button.
<p>2. Attempt to Borrow an Unavailable Book</p> <p>The user attempts to borrow a book that is already marked as "Borrowed."</p> <p>Steps:</p> <ol style="list-style-type: none">1. User navigates to the list of books.2. User clicks on the "Borrow" button next to a book with status "Borrowed."	<ul style="list-style-type: none">• The system does not allow the user to borrow the book.• The user sees an error message: "Book is not available for borrowing."
<p>3. View Borrowed Books</p> <p>The user views a list of all books they have borrowed.</p> <p>Steps:</p> <ol style="list-style-type: none">1. User navigates to the "Borrowed Books" section.2. The system displays all books borrowed by the user, including details such as the borrow date and expected return date.	<ul style="list-style-type: none">• The system lists borrowed books with the correct title, author, and borrow date.• The expected return date is calculated as 7 days from the borrow date.
<p>4. Return a Borrowed Book</p> <p>The user returns a borrowed book.</p>	<ul style="list-style-type: none">• The book's status changes to "Available."

<p>Steps:</p> <ol style="list-style-type: none"> 1. User navigates to the "Borrowed Books" section. 2. User clicks the "Return" button next to a borrowed book. 	<ul style="list-style-type: none"> • The borrowing record is updated with the return date. • The user receives a confirmation message: "Book returned successfully!" • The book no longer shows in the "Borrowed Books" list.
<p>5. Borrowed Books Display Without Errors</p> <p>The user views the "Borrowed Books" section to check for errors in display.</p> <p>Steps:</p> <ol style="list-style-type: none"> 1. User navigates to the "Borrowed Books" section. 2. User reviews the list of borrowed books and their respective statuses. 	<ul style="list-style-type: none"> • Dates (borrow and return) are displayed in a readable format (e.g., YYYY-MM-DD). • Books without a return date show "Not Returned Yet."