**User Acceptance Testing (UAT) Template**

|  |  |
| --- | --- |
| Date | 20 june 2025 |
| Team ID | LTVIP2025TMID42003 |
| Project Name | BookNest |
| Maximum Marks |  |

**Project Overview:**

Project Name: BookNest

Project Description: A MERN stack Book shopping Application.

Project Version: V1.0

Testing Period: 20 june 2025 to 24 june 2025

**Testing Scope:**

**🡪Features and Functionalities to be Tested**

1. **User Authentication and Authorization**
   * **User registration, login, logout**
   * **Role-based access control (User, Seller, Admin)**
2. **Home Page and Book Browsing**
   * **Display of featured books and categories**
   * **Book search and filter functionality**
3. **Cart and Wishlist**
   * **Add to cart, update quantity, remove items**
   * **Add/remove items from wishlist**
   * **Cart and wishlist persist per user**
4. **Book Details Page**
   * **Book image, description, price, and author info**
   * **Action buttons for “Add to Cart”, “Add to Wishlist”, and “Buy Now”**
5. **Order Management**
   * **Placing orders**
   * **User order history display**
   * **Seller order management**
6. **Seller Dashboard**
   * **Seller login and book uploads**
   * **Edit/delete/manage listed books**
   * **View buyer orders**
7. **Admin Panel**
   * **View all users, sellers, and books**
   * **Block/unblock users or sellers**
   * **View order activity across platform**
8. **Notifications and Alerts**
   * **Success and error toasts/messages**
   * **Validation feedback for forms**
9. **Responsive UI and Navigation**
   * **Navigation bar and route protection**
   * **Mobile, tablet, and desktop responsiveness**
10. **Database Integration**
    * **Correct storage and retrieval of data from MongoDB**
    * **Data isolation per user (e.g., cart/wishlist/orders)**

**🡪User Stories and Requirements to be Tested**

1. **As a new user, I can register and log in to my account.**
2. **As a user, I can browse and search for books.**
3. **As a user, I can add books to my cart and wishlist.**
4. **As a user, I can place an order and view my past orders.**
5. **As a seller, I can log in and upload books with proper details.**
6. **As a seller, I can view and manage orders placed on my books.**
7. **As an admin, I can manage users, sellers, and monitor platform activity.**
8. **As a user, I should receive feedback for successful and failed actions.**
9. **As any user role, I can access only the sections I’m authorized for.**

**Testing Environment:**

URL/Location: [Web URL or Application Location]

Credentials (if required): you can signup new user or use my crediantials

Email:shivachandraganti1619

Password:123456

**Test Cases:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Scenario** | **Test Steps** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| TC-001 | User Registration using Email | 1. Open registration page  2. Enter valid email, password, confirm password  3. Click register | User account is created and confirmation email is sent | Confirmation email received | Pass |
| TC-002 | User Login | 1. Open login page  2. Enter registered email and password  3. Click login | User is redirected to dashboard | Redirected to dashboard | Pass |
| TC-003 | Registration with existing email | 1. Enter already registered email  2. Submit the form | Error message: "Email already exists" | Error shown correctly | Pass |
| TC-004 | Wishlist book addition | 1. Login  2. Browse a book  3. Click "Add to Wishlist" | Book is saved in wishlist and visible in the Wishlist page | Wishlist updated successfully | Pass |
| TC-005 | Checkout with empty cart | 1. Login  2. Go to cart  3. Click "Checkout" | Error message: "Your cart is empty" | Error shown correctly | Pass |

**Bug Tracking:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Bug ID** | **Bug Description** | **Steps to reproduce** | **Severity** | **Status** | **Additional feedback** |
| BG-001 | Wishlist not updating after adding a book | 1. Login to app  2. Browse to a book  3. Click "Add to Wishlist"  4. Go to Wishlist page | Medium | Progress | Wishlist shows empty despite confirmation |
| BG-002 | Password reset email not received | 1. Go to login page  2. Click "Forgot Password"  3. Enter registered email  4. Submit request | High | Open | Happens intermittently |
| BG-003 | Search returns unrelated results for "Python" | 1. Login  2. Enter "Python" in search  3. Check results | Low | Open | Results show unrelated books |
| BG-004 | Checkout button not working on mobile devices | 1. Open app on mobile  2. Add item to cart  3. Go to cart  4. Try to click "Checkout" | High | Open | UI unresponsive only on small screens |

**Sign-off:**

Tester Name: [Name of Tester]

Date: [Date of Test Completion]

Signature: [Tester's Signature]

**Notes:**

* Ensure that all test cases cover both positive and negative scenarios.
* Encourage testers to provide detailed feedback, including any suggestions for improvement.
* Bug tracking should include details such as severity, status, and steps to reproduce.
* Obtain sign-off from both the project manager and product owner before proceeding with deployment.