**User Acceptance Testing (UAT) Template**

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| Date | 28 March,2025 |
| Team ID | SWTID1743519094 |
| Project Name | BookNest |
| Maximum Marks |  |

**Project Overview:**

Project Name: BookNest

Project Description: **Book Nest** is a feature-rich online bookstore web application designed to offer users a seamless, personalized, and secure book-buying experience. The platform provides an intuitive UI/UX with essential functionalities like user authentication and authorization, a personalized dashboard, cart and order management, and an order history page. Users can explore curated sections such as **Top Sellers** and **Personalized Recommendations** tailored to their reading habits. Designed for both casual readers and frequent buyers, Book Nest ensures quick navigation, trustworthy transactions, and smart book discovery — making it a one-stop solution for all book lovers.

Testing Period: 28-03-2025 to 30-04-2025

**Testing Scope:**

**List of Features and Functionalities to be tested**

1. **User Authentication & Authorization**
   * Sign up, login, logout
2. **User Dashboard**
   * Personalized recommendations
3. **Book Browsing**
   * Search functionality
   * View book details
4. **Cart & Checkout**
   * Add to cart, remove from cart, update quantity
   * Checkout and place order
5. **Order Management**
   * View order history
   * Track current orders
6. **Top Sellers Page**
   * Display best-selling books
   * Sorting and filtering
7. **Recommendation System**
   * Suggestions based on user history or preferences
8. **Admin Panel (if applicable)**
   * Manage books, users, and orders
   * Add/edit/delete books
9. **Responsive Design**
   * Compatibility with different screen sizes and browser

**Testing Environment:**

* **Frontend Stack**: React.js
* **Backend Stack**: Node.js / Express.js with MongoDB
* **Testing Tools**: Postman, Chrome DevTools
* URL/Location: localhost

**Test Cases:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Scenario** | **Test Steps** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| TC-001 | User Registration | 1. Navigate to the sign-up page2. Enter valid details3. Click 'Register' | Account should be created and user redirected to dashboard | Account created and redirected successfully | Pass |
| TC-002 | User Login with Valid Credentials | 1. Go to login page2. Enter valid email and password3. Click 'Login' | User should be logged in and directed to dashboard | Login successful and dashboard loaded | Pass |
| TC-003 | Add Book to Cart | 1. Search/select a book2. Click 'Add to Cart' | Book should appear in cart | Book added to cart and shown in cart page | Pass |
| TC-004 | View Order History | 1. Log in2. Go to 'Order History' from dashboard | List of previous orders should be displayed | Order history displayed | Pass |
| TC-005 | View Personalized Recommendations | 1. Log in2. Visit 'Recommendations' page | Books based on user history should be displayed | Irrelevant books shown | Fail |

**Bug Tracking:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Bug ID** | **Bug Description** | **Steps to Reproduce** | **Severity** | **Status** | **Additional Feedback** |
| BG-001 | Irrelevant books in recommendations section | 1. Log in with test user2. Go to 'Recommendations'3. Observe book list | Medium | Open | Books shown are not related to user's genre |
| BG-002 | Cart not updating item quantity | 1. Add book to cart2. Increase quantity3. Click 'Update Cart' | High | In Progress | Quantity stays the same after clicking update |
| BG-003 | Broken link in footer | 1. Scroll to footer2. Click ‘Contact’ link | Low | Open | Leads to 404 page |

**Sign-off:**

Tester Name: Tanya Maheshwari

Date: 30-04-2025

Signature: Team Leader