User Acceptance Testing (UAT) Template

Date	26th June 2025
Team ID	LTVIP2025TMID53930
Project Name	BookNest
Maximum Marks	

Project Overview:

Project Name: BookNest

Project Description: A MERN stack Book shopping Application.

Project Version: V 10.9.2

Testing Period: [June 24, 2025] to [June 26, 2025]

Testing Scope:

1. **List of Features and Functionalities to be Tested**
   a. **User Authentication**
- User registration, login, logout
- Password reset (if available)
   b. **Book Details Page**
- View individual book information
- Display of reviews and ratings
- View all books
   c. **Shopping Cart**
- Add/remove books to/from cart
- Update quantity
- View cart summary
   d. **Checkout Process**
- Address input
- Order review and placement
   e. **Order Management**
- View order history (User)
- Manage orders (Admin)
   f. **Admin Panel**
- Add, edit, delete books
- Manage user accounts
- View and manage orders
   g. ⬜ **UI/UX and Responsiveness**
- Desktop and mobile compatibility
- Consistent layout and design
   h. **Form Validation and Error Handling**
- Client-side and server-side validation
- Proper error messages

2. List of User Stories or Requirements to be Tested

- As a **user**, I can register and log into my account.
- As a **user**, I can view details about each book.
- As a **user**, I can add books to my cart.
- As a **user**, I can view my past orders.
- As an **admin**, I can add, update, or remove books from inventory.
- As an **admin**, I can view and manage all customer orders.
- As an **admin**, I can manage registered users.
- As a **user**, I cannot access admin-specific pages.
- As a **user**, I receive proper validation messages on invalid input.
- As a **user**, I can use the application smoothly on mobile and desktop devices.

Test Cases:

- **Test Case 1: User Signup**

Field	Detail
Test Case ID	BN_TC_001
Title	User Signup with valid credentials
Preconditions	User is on the signup page
Test Steps	1. Enter valid name, email, password 2. Click "Sign Up"
Test Data	Name: Divya Email: Divya123@gmail.com Password: Test@123
Expected Result	User is successfully registered and redirected
Remarks	Should show confirmation or login prompt

- **Test Case 2: Admin Login**

Field	Detail
Test Case ID	BN_TC_002
Title	Admin Login with valid credentials
Preconditions	Admin is on the login page
Test Steps	1. Enter admin credentials 2. Click "Login"

Field	Detail
Test Data	Email: admin@booknest.com Password: Admin@123
Expected Result	Redirected to Admin Dashboard
Remarks	Role must be verified as Admin

- **Test Case 3: Seller Signup and Login**

Field	Detail
Test Case ID	BN_TC_003
Title	Seller account registration and login
Preconditions	Seller is on signup page
Test Steps	1. Enter seller info 2. Click Signup 3. Login
Test Data	Email: seller@shop.com Password: Sell@123
Expected Result	Seller account is created and login is successful
Remarks	Dashboard must show seller-specific features

◈ **Test Case 4: Add Book to Wishlist**

Field	Detail
Test Case ID	BN_TC_004
Title	User adds a book to wishlist
Test Steps	1. Click on "Add to Wishlist" icon/button
Test Data	Book Title: "Atomic Habits"
Expected Result	Book appears in user's wishlist
Remarks	Wishlist page should list added book

- **Test Case 5: Place an Order**

Field	Detail
Test Case ID	BN_TC_005
Title	User places an order successfully
Preconditions	User is logged in and has books in cart
Test Steps	1. Go to Wishlist 2. Click on View 3. Click on Buy now and then confirm order
Test Data	Address, payment info
Expected Result	Order is placed, and order confirmation is shown
Remarks	Order should appear in Order History

- **Test Case 6: Admin Adds a Book**

Field	Detail
Test Case ID	BN_TC_006
Title	Admin adds a new book to the store
Preconditions	Admin is logged in
Test Steps	1. Navigate to Add Book page 2. Enter details 3. Submit
Test Data	Title: "Deep Work", Author: Cal Newport, Price: $15
Expected Result	Book is added and visible in catalog
Remarks	Validate success toast and DB update

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 Wishlist 3. Click "order"	Error message: "Your cart is empty"	Error shown correctly	Pass

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.