

# User Acceptance Testing (UAT)

Date	26 June 2025
Team ID	LTVIP2025TMID53966
Project Name	BookNest: Where Stories Nestle
Mentor Name	Dr Shaik Salma Begam
Maximum Marks	10 Marks

## Project Overview

**Project Name:** BookNest

**Project Description:** BookNest is a MERN stack-based online bookstore that allows users to explore a wide range of books, manage their personal cart, place orders securely, and track their reading history. It also provides admin capabilities to manage books, users, inventory, and order fulfillment.

**Project Version:** 1.0

**Testing Period:** 25 June to 26 June

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### Testing Scope – BookNest

- **Features and Functionalities to be Tested:**

- User registration and login
- Book browsing and search
- Cart management
- Order placement and order history
- Admin book/user/order management
- Invoice generation and payment processing
- Order tracking and fulfillment updates

- **User Stories/Requirements to be Tested:**

- **BN-1:** User registration
  - **BN-2:** Registration confirmation
  - **BN-3:** User login
  - **BN-4:** Book browsing and advanced search/filtering
  - **BN-5:** Cart functionality and order placement
  - **BN-6:** View order history and track orders
  - **BN-7:** Admin dashboard for managing books, users, and orders
  - **BN-8:** Invoice generation and secure payment
  - **BN-9:** Shipping and delivery status updates
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## Testing Environment – BookNest

- **URL/Location:** [http://localhost:3000 or deployed BookNest URL]
- **Credentials (if required):**
  - **User:** booklover@gmail.com / ReaderPass1
  - **Admin:** admin@booknest.com / AdminRead123

## Test Cases

Test Case ID	Test Scenario	Test Steps	Expected Result	Actual Result	Pass/Fail
TC-BN-001	User Registration	1. Go to Register page2. Enter details3. Submit	User account is created, confirmation email sent	User account created successfully, confirmation email received	Pass
TC-BN-002	User Login	1. Go to Login page2. Enter credentials3. Submit	User is logged in and redirected to dashboard	Login failed due to incorrect password, no redirection	Fail
TC-BN-003	Book Browsing & Search	1. Go to Home2. Use search/filter	Relevant books are displayed	Some unrelated books shown in results	Fail
TC-BN-004	Cart Management	1. Add book to cart2. View cart3. Remove book	Cart updates correctly	Book added and removed successfully, cart updated	Pass
TC-BN-005	Order Placement	1. Add books to cart2. Proceed to checkout3. Place order	Order is placed, confirmation shown	Order placed and confirmation message displayed	Pass
TC-BN-006	Admin Book Management	1. Login as admin2. Add/edit/delete book	Book list updates accordingly	Book deletion not reflected immediately in product list	Fail
TC-BN-007	Order History & Tracking	1. Place order2. Go to order history3. Click tracking	Order and tracking details displayed correctly	Tracking info not updating in real-time	Fail
TC-BN-008	Invoice Generation & Payment	1. Place order2. View invoice3. Make payment	Invoice generated and payment successful	Invoice generated but payment gateway timeout occurred	Fail

## Bug Tracking

Bug ID	Bug Description	Steps to Reproduce	Severity	Status	Additional Feedback
BG-BN-001	Login fails with valid credentials	1. Go to Login2. Enter valid credentials3. Submit	High	Open	Backend API returns 401 error. Possibly token mismatch or bcrypt hashing issue.
BG-BN-002	Search shows unrelated books	1. Enter keyword2. View results	Medium	In Progress	Search algorithm doesn't filter by exact match or genre relevance.
BG-BN-003	Cart not updating UI	1. Add book2. Remove book	Medium	In Progress	Cart updates in backend but UI requires manual refresh to reflect changes.
BG-BN-004	Deleted books still showing in list	1. Delete book in admin panel2. View book list	Medium	Open	Book record removed in DB, but React state/cache is not refreshed immediately.
BG-BN-005	Payment gateway timeout	1. Place order2. Redirect to	High	Open	Integration issue with test gateway. Fails under

		payment3. Wait for response			network delay or slow internet.
Bug ID	Bug Description	Steps to Reproduce	Severity	Status	Additional Feedback
BG-001	Login fails with valid credentials	1. Go to Login 2.Enter valid credentials 3. Submit	High	Open	Backend API returns 401 error even with correct credentials. Possibly token or hashing issue.
BG-002	Cart not updating	1. Add product 2. Remove product	Medium	In Progress	Cart UI shows old data until manual refresh. Suspected issue with state not re-rendering after update

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## Sign-off

**Tester Name:** Veeramallu Deekshitha Maithreyi

**Date:** 26 June 2025

**Signature:** Deekshitha