User Acceptance Testing (UAT) - Booknest Online Bookstore

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Project Name: Booknest

# Project Overview

Project Name: Booknest

Description: A full-stack online bookstore enabling users to browse, add to cart, and purchase books, with an admin panel for inventory and order management.

Version: v1.0.0

Testing Period: 17-06-2025 to 24-06-2025

# Testing Scope

✅ User Authentication (Registration/Login)

✅ Book Catalog (Browse by Categories/Search)

✅ Cart Management (Add/Remove/Update Quantity)

✅ Order Placement & History

✅ Admin Portal (Add/Edit/Delete Books, Manage Orders)

✅ Payment Simulation

# Test Environment

## Roles & Credentials

|  |  |  |
| --- | --- | --- |
| Role | Email | Password |
| User | test.user@booknest.com | user123 |
| Admin | admin@booknest.com | adminpass |

## Access Links

Frontend: http://localhost:8080

API Documentation: http://localhost:8080/swagger-ui.html

# Test Cases

## User Flows

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TC-ID | Scenario | Test Steps | Expected Result | Actual Result / Status |
| TC-101 | User Registration | 1. Navigate to /register. 2. Fill valid details. 3. Submit. | Account created; redirected to homepage with success message. | [Result] ⬜ |
| TC-102 | Add to Cart | 1. Search for "The Alchemist". 2. Click "Add to Cart". 3. View Cart. | Cart displays "The Alchemist" with quantity 1. | [Result] ⬜ |
| TC-103 | Checkout Process | 1. Proceed to checkout. 2. Confirm order. | Order appears in /orders with status "Confirmed". | [Result] ⬜ |

## Admin Flows

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TC-ID | Scenario | Test Steps | Expected Result | Actual Result / Status |
| TC-201 | Add New Book | 1. Login as admin. 2. Navigate to "Add Book". 3. Enter details and save. | New book appears in storefront. | [Result] ⬜ |
| TC-202 | Update Order Status | 1. Go to "Orders". 2. Change status to "Shipped". | User's order history reflects updated status. | [Result] ⬜ |

# Bug Tracking

|  |  |  |  |
| --- | --- | --- | --- |
| Bug-ID | Description | Steps to Reproduce | Severity / Status |
| BG-101 | Cart icon count not updating | 1. Add a book to cart. 2. Observe cart icon. | Medium / Open |
| BG-102 | Category filter malfunction | 1. Select "Fiction" category. 2. No books displayed. | High / Investigating |