# 📚 User Acceptance Testing (UAT) Report

\*\*Date:\*\* 20-06-2025

\*\*Team ID: LTVIP2025TMID20432

\*\*Project Name:\*\* BookNest: Where Stories Nestle

## 📄 Project Overview

\*\*Project Name:\*\* BookNest: Where Stories Nestle

\*\*Project Description:\*\* BookNest is a MERN stack online bookstore application allowing users to register, browse books, search by genre/author, add to cart, checkout securely, and view order history with a responsive user interface.

\*\*Project Version:\*\* 1.0

\*\*Testing Period:\*\* 15 February 2025 to 20 February 2025

## 📝 Testing Scope

- User Registration & Login  
- Book Search & Filtering  
- Add to Cart and Checkout Process  
- Order History Retrieval  
- Responsiveness across devices  
- API Response during user actions

## 🖥️ Testing Environment

\*\*URL/Location:\*\* http://localhost:5000 (local) / [Deployment URL if available]

\*\*Credentials:\*\* TestUser / testpassword

## ✅ Test Cases

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | Test Scenario | Test Steps | Expected Result | Actual Result | Pass/Fail |
| TC-001 | User Registration | Register with valid and invalid data | Valid registrations succeed, errors for invalid data | As expected | Pass |
| TC-002 | User Login | Login with valid and invalid credentials | Successful login for valid, error for invalid | As expected | Pass |
| TC-003 | Book Search | Search by title and filter by genre | Relevant books displayed | As expected | Pass |
| TC-004 | Add to Cart | Add a book to cart | Book added to cart successfully | As expected | Pass |
| TC-005 | Checkout | Complete purchase flow | Order placed and inventory updated | As expected | Pass |
| TC-006 | Order History | View past orders | Orders displayed accurately | As expected | Pass |
| TC-007 | Responsiveness | Test on mobile and desktop | Layout adapts correctly | As expected | Pass |

## 🐞 Bug Tracking

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Bug ID | Bug Description | Steps to Reproduce | Severity | Status | Additional Feedback |
| BG-001 | UI overlap on smaller screens | Open app on small mobile screen | Low | Closed | Fixed using media queries |
| BG-002 | Search filter not resetting after logout | Search > Logout > Login | Medium | Closed | Reset implemented on logout |

## ✍️ Sign-off

\*\*Tester Name:\*\* Santhoshini M.

\*\*Date:\*\* 20 February 2025

\*\*Signature:\*\* [Signed]

## 🗒️ Notes

- All test cases covered positive and negative flows.  
- User feedback was incorporated for responsiveness.  
- Bug tracking included severity and status for clear tracking.  
- The project is ready for deployment after UAT sign-off.