### **User Acceptance Testing (UAT)**

**Date**: April 13, 2025

**Team ID**: SWTID1743607143

**Project Name**: BookEase

**Maximum Marks**:

### **Project Overview**

**Project Name**: BookEase

**Project Description**: BookEase is a MERN-based e-commerce platform enabling users to browse and buy books, sellers to manage inventory, and admins to oversee operations, with a responsive UI featuring theme customization and homepage animations.

**Project Version**: 1.0.0

**Testing Period**: April 10, 2025 to April 13, 2025

**Testing Scope**:

* List of Features and Functionalities to be Tested:
  + Homepage with banner and sparkle animations
  + User registration and login
  + Theme switching with gradient backgrounds
  + Book catalog browsing
  + Admin user and seller management
* List of User Stories or Requirements to be Tested:
  + As a user, I want to register and confirm my account
  + As a user, I want to log in to access my features
  + As a user, I want to browse books in a catalog
  + As a user, I want to switch themes with persistent selection
  + As an admin, I want to delete users or sellers

**Testing Environment**

URL/Location:<http://localhost:8082>

**Test Cases**

| **Test Case ID** | **Test Scenario** | **Test Steps** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| --- | --- | --- | --- | --- | --- |
| TC-001 | User Registration | 1. Navigate to registration page  2. Enter name, email, password  3. Submit form | User is successfully registered | User is registered and redirected to login page | Pass |
| TC-002 | User Login with Invalid Email | 1. Navigate to login page  2. Enter invalid email, valid password  3. Click “Login” | Error message: “Invalid credentials” | Error message displayed correctly | Pass |
| TC-003 | Theme Switching | 1. Navigate to homepage  2. Select Amethyst Glow from theme dropdown  3. Refresh page | UI shows purple-amethyst-lavender gradient; sparkles match theme | UI updated with gradient and sparkles; persists after refresh | Pass |
| TC-004 | Browse Book Catalog | 1. Navigate to books page  2. View book grid | Book titles, authors, prices, images displayed | Book catalog displayed correctly | Pass |
| TC-005 | Admin Deletes User | 1. Navigate to admin/users page  2. Click “Delete” on a user  3. Check notification | Toast shows “User deleted”; user removed from list | Toast shows success; user removed from list | Pass |

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### **Bug Tracking**

| **Bug ID** | **Bug Description** | **Steps to Reproduce** | **Severity** | **Status** | **Additional Feedback** |
| --- | --- | --- | --- | --- | --- |
| BG-001 | Theme dropdown misaligned | 1. Open homepage  2. Click theme  3. Observe alignment | Low | Closed | Dropdown overlapped icons; fixed with padding |
| BG-002 | Homepage sparkle effect lags on low-end devices | 1. Load homepage on budget device  2. Move mouse to trigger sparkles  3. Note performance | Medium | In Progress | Causes frame drops during animation |
| BG-003 | Admin user deletion fails intermittently | 1. Navigate to admin/users  2. Delete multiple users rapidly  3. Check database | High | Open | Toast shows success, but user remains |
| BG-004 | Cart item quantity not updating | 1. Navigate to cart page<  2. Change item quantity  3. Refresh page | Medium | Closed | Quantity reverted; fixed with state sync |

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### **Sign-off**

**Tester Name**: Kirtan Agrawal

**Date**: April 14, 2025

**Signature**:

