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

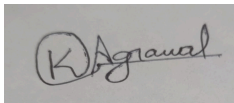| Test Case ID	Test Scenario	Test Steps	Expected Result	Actual Result	Pass/Fail
TC-001	User Registration	1. Navigate to registration page 2. Enter name, email, password 3. Submit form	User is successfully registered	User is registered and redirected to login page	Pass
TC-002	User Login with Invalid Email	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

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

Sign-off

Tester Name: Kirtan Agrawal
Date: April 14, 2025
Signature: