**Book Cart Web Application**

**Test Plan**

*Version 1.0*

**Revision History**

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 21/04/2023 | 1.0 | Initial release | NganVK |
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# Test Plan Identifier

Test Plan for BookCart Website v1.0

# Introduction

* **Purpose**: The purpose of this test plan is to provide a systematic approach for testing the BookCart web application.
* **Scope**: This test plan covers functional testing of the BookCart web application.
* **Objectives**: The objectives of this test plan are to verify that the application meets the user's requirements, identify any defects, and provide a quality product.

# Test Items

* The following components of the BookCart website will be tested:
  + Home Page
  + Search Functionality
  + Book Details Page
  + Shopping Cart
  + Checkout Process
  + User Registration and Login

# Features to be tested.

* The following features will be tested:
  + Search functionality
  + Book details
  + Adding, removing, and editing items in the shopping cart
  + Checkout process
  + User registration and login functionality

# V. Features not to be tested.

* Third-party payment processing services
* Third-party shipping services

# VI. Approach

* The following testing methodologies will be employed:
  + Testing will be performed in two phases: Manual Testing and Automated Testing.
  + Manual Testing will be conducted for exploratory.
  + Automated Testing will be conducted for functional testing.
  + Test cases will be designed based on the requirements and functional specifications.

# VII. Test Deliverables

* Test plan document
* Test cases and test scripts
* Test results, including pass/fail status for each test item.
* Defect reports, detailing any issues discovered during testing
* Test summary report

# VIII. Test Environment

* The following test environment will be used:
  + Operating System: Windows 11
  + Browsers: Chrome
  + Screen Resolution: 1920 x 1080