TEST PLAN

<https://www.demoblaze.com/>

Prepared by:Vikas Chaudhary

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Introduction

The aim of this project is to give an overview of the testing approach,strategies and scope for the [demoblaze.](https://www.demoblaze.com/)e-commerce web application.This includes details like scope of the project,objective,test schedule ,test deliverables and reports.

AUT: <https://www.demoblaze.com/>

Objectives

- Ensure the functionality of key features like login ,add to cart,checkout

**-** validate the usability of the website for a user experience

**-** verify the performance of the site ,including load times and responsiveness

Scope

This test plan covers functional & non functional testing of the DEMOBLAZE web application.

Testable Features

* Login
* Product Search
* Product Details
* Shopping Cart
* Checkout And Payments
* Order History
* SignUp

Testing Approach

**>Testing Type**

**.** Functional Testing

**.** Non-Functional Testing

Usability Testing

Performance Testing

Compatibility Testing

**.** Exploratory Testing

**>Testing Methodologies**

**.** Black Box Testing

**.** White Box Testing

**.** User Acceptance Testing

**>Testing Environment**

**.** Windows 10 and above

**.**Browsers:Chrome,firefox

Role/Responsibility

| Name | Role | Responsibility |
| --- | --- | --- |
| Praveen Maurya | Test Manager | -Manage bug & resource  -provide additional support  -Monitoring project progress  -resolve conflicts  -Prioritize project risks & tasks |
| Viks Chaudhary | Test Lead | -Develop test plan & strategies  -Assign tasks,set priority  -Monitor throughout the testing procedure |
| Brajmohan | Test Engineer | -Understand Requirements  -Bug Tracking & Reporting  -Setting a test environment  -File closure activity |

Test Schedule

| Task | Time Duration |
| --- | --- |
| Test Plan Creation | 28 Feb 2025 |
| Test Scenario Creation | 28 Feb 2025 |
| Test Case Creation | 1 March 2025 |
| Test Case Execution | 2 March 2025 |
| Summary Report Submission | 2 March 2025 |

Test Deliverables

The following are to be delivered

| Deliverables | Description | Target completion Date |
| --- | --- | --- |
| Test Plan | Testing approach,strategies, and scope for the web application | 28 Feb 2025 |
| Test Cases | It is created for both functional and Non functional | 1 March 2025 |
| Defect Reports | Full description of the bug found in the application | 2 march 2025 |

Entry And Exit Criteria

The below are the entry and exit criteria

**Requirement Analysis**

Entry criteria

. Testing team receives the Requirement Documents

Exit criteria

. Explore the requirement

. query cleared

**Test Planning**

Entry criteria

. Testable requirement derived

. Doubt cleared

**Test Design**

Entry Criteria

.Test Plan Document is sign-off by the client

.Test Cases and Test scenario Documents prepared and verify

And sign-off by the client

**Test Execution**

Entry Criteria

.Test cases and Test scenario documents verified by client

Documents are sign-off by the client

. Application is ready for testing

Exit Criteria

.Test case Report and Bug reports get ready

**Test Closure**

Entry Criteria

.Test case report & Defect reports ready

Exit Criteria

.Test summary report ready

Tools

The following are the list of tools

Screenshot tools

Doc & Excel sheet

Risk And Mitigation

The following are the list

Risk -Lack of automation tools

Mitigation- Backup Resource Planning

Risk- No detailed Requirement available

Mitigation- experts available for understanding of functionalities

Approvals

**.** Test Plan

**.** Test Scenario

**.** Test Cases

**.** Reports

Testing will continue once the approvals are done