**Test Plan Document**

**Project Title:**

**Enhancement of Demo E-Commerce Website – Demoblaze**

**Version:**

**v1.0**

**Prepared By:**

**Vijay (QA Lead)**

**Date:**

**June 20, 2025**

**1. Objective**

To define the scope, approach, resources, schedule, and responsibilities for the manual testing of the Demoblaze web application. The purpose is to validate the core business functionalities including user registration, login/logout, product selection, cart management, and checkout flow.

**2. Application Overview**

Demoblaze is a demo e-commerce website that allows users to browse products, register/login, add items to a cart, and simulate an order. It is used primarily for QA training, testing practice, and demonstration.

**3. Scope of Testing**

**In-Scope:**

* Sign up, Login, Logout
* Product listing and category filtering
* Product detail view
* Add to cart and remove items
* Checkout and confirmation
* UI validations and form errors
* Mobile and desktop view compatibility

**Out of Scope:**

* Real payment gateway integration
* Backend database or API testing
* Admin panel, analytics, or reporting

**4. Test Deliverables**

* Test Plan Document ✅
* Test Scenarios ✅
* Test Cases (with Steps, Expected/Actual Results) ✅
* Defect Report ✅
* Test Summary Report (Post Execution) ✅

**5. Testing Types to be Performed**

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| --- | --- |
| **Type** | **Description** |
| Functional Testing | To verify all user-facing features work as expected |
| UI Testing | To ensure layout, alignment, labels, and UI behavior are proper |
| Usability Testing | To validate ease of use and flow intuitiveness |
| Compatibility Testing | To test across browsers and devices |
| Negative Testing | To validate behavior with invalid inputs |
| Smoke Testing | To verify basic flows work before full testing begins |
| Regression Testing | To verify fixes or enhancements don’t break existing features |

**6. Roles and Responsibilities**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | | **Role** | **Name** | **Responsibility** | | QA Lead | Vijay | Create plan, test cases, manage execution | | Developer | Siddharth | Deliver functional modules and fixes | | Application Owner | Naresh | Provide technical clarification and support | | Business Owner | Jameer | Define and review business requirements | |  |  |
|  |  |  |
|  |  |  |

**7. Environment Details**

* **Website:** <https://www.demoblaze.com>
* **Browsers:** Chrome (latest), Firefox, Edge
* **Devices:** Desktop, Laptop, Mobile
* **Test Data:** Dummy users and product catalog (hardcoded)

**8. Entry & Exit Criteria**

**Entry Criteria:**

* All features delivered by development team
* Test environment is accessible
* Test data is prepared

**Exit Criteria:**

* All planned test cases executed
* All major/critical defects are fixed and retested
* Test Summary Report submitted

**9. Risk & Mitigation**

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| --- | --- |
| **Risk** | **Mitigation Strategy** |
| No backend – limited data persistence | Use local/session storage simulation |
| UI-only simulation limits real coverage | Focus on validating realistic flows and UI behaviors |
| Timeline constraints | Prioritize high-impact features and smoke testing |

**10. Test Schedule**

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| --- | --- | --- |
| **Phase** | **Start Date** | **End Date** |
| Test Planning | 20-06-25 | 21-06-25 |
| Scenario & Case Design | 21-06-25 | 22-06-25 |
| Test Execution | 22-06-25 | 23-06-25 |
| Bug Reporting & Retest | 23-06-25 | 24-06-25 |
| Test Summary | 24-02-25 | 25-02-25 |