**Test Plan – E-commerce Website Testing (Demoblaze.com)**

**1. Project Overview**  
The purpose of this test plan is to ensure the **core functionalities** of the E-commerce website work as expected. The main modules to test include **Login, Signup, Product Search, Add to Cart, Checkout, and Payment**. The website will be tested for **functional, usability, and UI compliance**.

**2. Test Objectives**

* Verify that the login and signup functions work correctly.
* Ensure products can be searched, added to the cart, and purchased.
* Validate checkout and payment processes.
* Check website usability and UI layout on desktop and mobile devices.
* Identify and report bugs with severity and priority.

**3. Scope of Testing**  
**In-Scope:**

* Login and Signup functionality.
* Product search, category filtering, and sorting.
* Add to cart, remove from cart, quantity updates.
* Checkout process and payment validation.
* Basic UI and responsiveness testing.
* Bug reporting and documentation.

**Out-of-Scope:**

* Backend database validation.
* Security testing.
* Performance/load testing.

**4. Test Approach**

* **Manual Testing:** All test cases executed manually.
* **Functional Testing:** Verify features work as expected.
* **Usability Testing:** Check ease of navigation and UI clarity.
* **Cross-Browser Testing:** Test on Chrome, Firefox, Edge.
* **Mobile Responsiveness:** Test website on mobile devices.

**5. Test Environment**

* **Browser:** Chrome
* **OS:** Windows 11
* **Tools:** Excel (for test cases), Trello (for bug tracking)
* **Website URL:** [https://www.demoblaze.com](https://www.demoblaze.com?utm_source=chatgpt.com)

**6. Test Schedule**

|  |  |
| --- | --- |
| **Activity** | **Timeline** |
| Test Planning | Day 1 |
| Test Case Design | Day 2–3 |
| Test Execution | Day 4–6 |
| Bug Reporting | Day 4–6 |
| Test Summary & Closure | Day 7 |

**7. Test Deliverables**

* Test Plan Document
* Test Cases (35+) in Excel
* Bug Report (30+) in Excel/Trello
* Screenshots of critical bugs
* Test Execution Summary

**8. Entry and Exit Criteria**  
**Entry Criteria:**

* Website is accessible.
* Test environment setup is complete.
* Test data prepared.

**Exit Criteria:**

* All planned test cases executed.
* All critical and high-priority bugs reported.
* Test summary report prepared.

**9. Roles & Responsibilities**

* **Tester:** Execute test cases, report bugs, document results.
* **Test Lead:** Review test cases and bug reports.
* **Developer:** Fix reported bugs.

**10. Risks & Mitigation**

|  |  |
| --- | --- |
| **Risk** | **Mitigation** |
| Website downtime | Schedule testing at low traffic hours |
| Environment issues | Verify browser and OS compatibility beforehand |
| Incomplete test coverage | Ensure all core features are included in test cases |

Prepared by: **Md. Jahid**  
Date: **1-9-2025**  
Approved by: