**🧾 Software Test Plan (STP)**

**Demoblaze E-commerce Website**

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# 1. Project Overview

This project involves testing the core functionalities of the [Demoblaze](https://www.demoblaze.com/) e-commerce website. The purpose of this test plan is to define the scope, objectives, approach, resources, and schedule of the testing activities. The site allows users to browse products, add items to the cart, register/login, and place orders.

# 2. Test Objectives

* Validate core features: Product listing, Cart, Signup/Login, and Order functionality.
* Ensure that the UI is consistent and responsive across devices.
* Identify and report functional bugs, UI/UX issues, and usability problems.
* Confirm the proper behavior of the system with both valid and invalid inputs.

# 3. Scope of Testing

**✅ In Scope:**

* Home Page display and product loading
* Product Details view
* Cart functionality
* User Registration and Login
* Order placement flow
* Navbar and navigation links
* Responsiveness on desktop and mobile

**❌ Out of Scope:**

* Backend API or database testing
* Security/penetration testing
* Performance or load testing

# 4. Test Types

* Manual Functional Testing
* UI/UX Testing
* Positive and Negative Testing
* Cross-browser Testing (Chrome, Edge)
* Mobile View Testing (iPhone/Android responsiveness)

# 5. Test Environment

* **Device**: Desktop (Windows 11), Mobile (iPhone 11)
* **Browsers**: Google Chrome, Edge
* **OS**: Windows, iOS
* **Test Data**: Fake user credentials and payment information

# 6. Testing Tools

* Manual: Browser Developer Tools, Screenshot Tools
* Defect Tracking: Excel Sheet / Jira (Optional)
* Automation (later): Python, Selenium, PyTest (for future implementation)

# 7. Test Deliverables

* Software Test Plan (STP) ✅
* Software Test Design (STD) – Test Cases 🔜
* Bug Report Document 🔜
* Software Test Report (STR) – Summary of testing 🔜
* Automation Test Scripts (Selenium) 🚀

# 8. Team Roles

| **Role** | **Name** | **Responsibility** |
| --- | --- | --- |
| QA Tester | [Husein Aljohary] | Manual Testing, Bug Reporting |
| Test Lead | [Husien Aljohaty] | Planning, Reporting, Review |

# 9. Risks and Assumptions

* The website may not store orders or users permanently (demo site).
* Limited testing due to lack of backend access.
* Bugs may not be fixed since it's a public demo.

# 10. Schedule

| **Phase** | **Duration** |
| --- | --- |
| STP Creation | 1 Day |
| Test Case Design (STD) | 2-3 Days |
| Test Execution | 2 Days |
| Bug Reporting | Ongoing |
| STR Creation | 1 Day |
| Automation Phase | After Manual |