**Test Plan for "Style Haven" – A Fashion E-commerce Platform**

**1. Test Plan Overview**

This document outlines the test strategy, scope, approach, and schedule for testing "Style Haven," ensuring its features work correctly across supported devices and browsers.

**2. Test Objectives**

* Validate all functional requirements.
* Ensure cross-browser compatibility on **Chrome and Safari**.
* Test the platform on **Mac and Windows**.
* Ensure security and performance standards are met.
* Identify and track defects, ensuring a smooth user experience.

**3. Test Scope**

**In-Scope**

✅ Functional Testing (User Accounts, Product Catalog, Shopping Cart, Checkout, Seller Dashboard, Customer Support) ✅ UI/UX Testing ✅ Cross-Browser Testing (Chrome & Safari) ✅ Performance Testing ✅ Security Testing ✅ Regression Testing ✅ User Acceptance Testing (UAT)

**Out of Scope**

❌ Mobile App Testing (unless specified later) ❌ Load testing beyond expected user traffic

**4. Testing Approach**

**4.1 Testing Methodology**

* **Manual Testing:** Functional, UI, Cross-Browser, Regression, and UAT.
* **Automated Testing (Optional):** Smoke and regression tests (if automation tools are available).

**4.2 Test Environment**

* **OS:** Mac, Windows
* **Browsers:** Chrome, Safari
* **Test Data:** Dummy user profiles, sample products, mock payment details

**5. Testing Schedule**

| **Week** | **Activities** |
| --- | --- |
| Week 1 | Test environment setup, test case creation, functional testing (User Accounts, Product Catalog, Shopping Cart) |
| Week 2 | Functional testing (Checkout, Seller Dashboard, Customer Support), cross-browser testing (Mac & Windows) |
| Week 3 | Performance & security testing, regression testing, bug fixes |
| Week 4 | User Acceptance Testing (UAT), final validation, test closure, and reporting |

**6. Test Team & Roles**

* **Test Lead:** Oversees testing activities, test plan execution, and reporting.
* **Tester 1:** Functional testing (User Accounts, Checkout, Shopping Cart)
* **Tester 2:** Functional testing (Product Catalog, Seller Dashboard, Customer Support)
* **Tester 3:** Cross-browser testing (Mac - Chrome & Safari)
* **Tester 4:** Cross-browser testing (Windows - Chrome & Safari)

**7. Test Cases Overview**

| **Module** | **Test Scenario** |
| --- | --- |
| User Accounts | Register, login, update profile, reset password |
| Product Catalog | Browse, search, view product details, check recommendations |
| Shopping Cart | Add/remove items, update quantity, verify order summary |
| Checkout | Enter shipping details, select payment method, confirm order |
| Seller Dashboard | Create product listing, manage inventory, process orders |
| Customer Support | Live chat, submit contact form, view FAQ section |
| Cross-Browser | Test site behavior on Chrome & Safari (Mac & Windows) |

**8. Defect Management**

* All defects will be logged in **JIRA/Trello (as applicable)**.
* Each defect will have a priority: **Critical, High, Medium, Low**.
* Defects will be reviewed and resolved before test completion.

**9. Test Deliverables**

* Test Plan (this document)
* Test Cases Document
* Test Execution Report
* Defect Report
* Final Test Summary Report

**10. Exit Criteria**

✅ All critical & high defects fixed and verified. ✅ Functional, cross-browser, security, and performance testing completed. ✅ User Acceptance Testing (UAT) signed off by stakeholders. ✅ No blocker issues remain.

**11. Risks & Mitigation Plan**

| **Risk** | **Mitigation Plan** |
| --- | --- |
| Delayed defect resolution | Prioritize high-severity defects, assign dedicated testers for retesting |
| Browser compatibility issues | Early-stage testing on Chrome & Safari |
| Resource constraints | Testers to focus on high-impact areas first |

**12. Approval**

* Test Lead: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Project Manager: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_