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

## 1. Overview

- Project Name: Style Haven  
- Testing Duration: 45 days  
- Testing Team: 3 Testers  
- Test Environments:  
 - Operating Systems: macOS, Windows  
 - Browsers: Chrome, Safari

## 2. Testing Scope

The testing will cover functional, UI/UX, performance, security, and compatibility aspects of the application across macOS and Windows using Chrome and Safari browsers.

## 3. Testing Types and Coverage

### 3.1 Functional Testing

User Accounts:  
- Registration/Login via email and social media  
- Profile management (update personal details, shipping address, payment details)  
- Order history tracking

Product Catalog:  
- Search and filter products  
- Product details verification (descriptions, images, size charts, reviews)  
- Personalized recommendations validation

Shopping Cart:  
- Add/remove items, adjust quantities  
- Order summary validation

Checkout:  
- Shipping options and estimated delivery validation  
- Secure payment gateway testing  
- Order confirmation email validation

Seller Dashboard:  
- Product listing, inventory tracking, order fulfillment testing

Customer Support:  
- Live chat functionality  
- FAQ section accessibility and contact form submission

### 3.2 UI/UX Testing

- Responsiveness across different screen sizes  
- Navigation and user flow experience  
- Consistency of UI elements across browsers and OS

### 3.3 Performance Testing

- Page load times on different network conditions  
- Response times for product search and checkout  
- Stress and load testing to evaluate scalability

### 3.4 Security Testing

- Secure login/logout functionality  
- Data encryption and protection during transactions  
- Prevention of unauthorized access

### 3.5 Compatibility Testing

- Cross-browser testing (Chrome, Safari)  
- Cross-platform testing (macOS, Windows)

## 4. Test Execution Plan

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| Phase | Activity | Duration |
| Phase 1 | Test Planning & Requirement Analysis | 5 days |
| Phase 2 | Test Case Design & Review | 7 days |
| Phase 3 | Test Execution & Bug Reporting | 25 days |
| Phase 4 | Regression Testing | 5 days |
| Phase 5 | Test Closure & Reporting | 3 days |

## 5. Test Deliverables

- Test Plan Document  
- Test Cases & Test Scripts  
- Defect Reports  
- Test Execution Report  
- Final Test Summary Report

## 6. Additional Features Testing (Optional Scope)

- Wishlists functionality validation  
- Promotions and discount code application  
- Loyalty program testing  
- Social media sharing feature testing

## 7. Tools & Technologies

- Test Management: Jira/TestRail  
- Automation: Selenium (if required)  
- Performance Testing: JMeter  
- Security Testing: OWASP ZAP