# **Test Plan - https://us.shein.com/**

**Version:** 1.0  
**Last Updated:** 12th May 2024

## **Table of Contents**

1. Objective
2. Scope
3. Inclusions and Exclusions
4. Test Environments
5. Defect Reporting Procedure
6. Test Strategy
7. Test Schedule
8. Test Deliverables
9. Entry and Exit Criteria
10. Tools
11. Risks and Mitigations
12. Approvals

### **1. Objective**

Validate that [shein.com] meets functional, performance, and usability requirements by:

* Ensuring end-to-end workflows (e.g., login, checkout, dashboard) function as expected.
* Identifying and resolving defects impacting user experience.
* Confirming compatibility across browsers, devices, and operating systems.
* Monitoring guardrail metrics (e.g., page load time < 2 seconds, error rate < 0.1%).

### **2. Scope**

**Features to Test:**

| **Priority** | **Feature** | **Testing Type** |
| --- | --- | --- |
| High | User Authentication | Functional, Security |
| High | Checkout Process | Functional, Performance |
| Medium | Search Functionality | Usability, Compatibility |
| Low | Profile Page UI | UI/UX, Responsiveness |

**Exclusions:**

* Third-party integrations (e.g., ZOHO Chat Widget).
* Beta features not approved for release.

### **3. Inclusions and Exclusions**

**Included:**

* Core user journeys (login, account creation, checkout).
* Cross-browser testing (Chrome, Firefox, Safari, Edge).
* Mobile responsiveness (iOS, Android).

**Excluded:**

* Support page workflows.
* Legacy systems marked "out of scope" in requirements.

### **4. Test Environments**

| **Environment** | **URL** | **OS/Browsers** | **Devices** |
| --- | --- | --- | --- |
| QA | https://demo.shein.com/ | Windows 11 (Chrome 115+), macOS Ventura (Safari) | iPhone 15, Samsung S23 |
| UAT | https://beta.shein.com/ | Ubuntu 22.04 (Firefox 116+) | iPad Pro, Google Pixel 9 |
| Prod | https://us.shein.com/ | Windows 11 (Edge 115+), macOS Ventura (Safari) | All supported devices |

### **5. Defect Reporting Procedure** <a name="defect-reporting"></a>

1. **Triage**: Assign severity (Critical, High, Medium, Low) and priority (P0-P3).
2. **Reporting**:
   * Use JIRA template with steps to reproduce, screenshots, and logs.

Defect ID: [Auto-generated]

Title: Checkout fails on Safari iOS 16.

Steps: 1. Add item to cart > 2. Click checkout > 3. Payment page crashes.

Environment: iPhone 14, Safari 16.

Attachment: screenshot.png

1. **Resolution SLA**:
   * Critical (P0): 24 hours.
   * High (P1): 48 hours.

**Ownership:**

| **Defect Type** | **Owner** |
| --- | --- |
| Frontend | [Name] |
| Backend | [Name] |

### **6. Test Strategy**

**Phases:**

1. **Shift-Left Testing**:
   * Unit/API testing during development (Tools: Postman, Jest).
2. **Smoke Testing**: Validate critical workflows post-deployment.
3. **Regression Testing**: Automated scripts (Tools: Selenium/Cypress).
4. **Exploratory Testing**: Unscripted sessions for edge cases.

**Test Design Techniques:**

* **Boundary Value Analysis**: Test input limits (e.g., password length).
* **State Transition**: Multi-step workflows (e.g., checkout process).

### **7. Test Schedule**

| **Task** | **Start Date** | **End Date** | **Owner** |
| --- | --- | --- | --- |
| Test Case Creation | 01-Oct-2024 | 10-Oct-2024 | QA Team |
| Test Execution (Sprint 1) | 11-Oct-2024 | 20-Oct-2024 | QA Team |
| Defect Retesting | 21-Oct-2023 | 25-Oct-2023 | Dev Team |
| Final Sign-off | 26-Oct-2023 | 27-Oct-2023 | QA Lead |

### **8. Test Deliverables**

* Test Plan (this document).
* Test Cases (Excel/TestRail).
* Defect Reports (JIRA export).
* Test Summary Report (PDF).

### **9. Entry and Exit Criteria**

| **Phase** | **Entry Criteria** | **Exit Criteria** |
| --- | --- | --- |
| Test Planning | Approved requirements document. | Signed-off Test Plan. |
| Test Execution | Stable build + 80% test cases ready. | 95% pass rate + all P0 defects fixed. |

### **10. Tools**

| **Purpose** | **Tool** |
| --- | --- |
| Test Management | TestRail/JIRA |
| Automation | Selenium/Cypress |
| Performance Testing | JMeter |
| Defect Tracking | JIRA |

### **11. Risks and Mitigations**

| **Risk** | **Mitigation** |
| --- | --- |
| Delayed build delivery | Test in lower environments concurrently. |
| Resource unavailability | Assign backup testers. |
| Incomplete requirements | Daily sync with Product Owner. |

### **12. Approvals**

| **Role** | **Name** | **Signature** | **Date** |
| --- | --- | --- | --- |
| QA Lead | [Name] | [Insert Signature] | [DD/MM/YYYY] |
| Project Manager | [Name] | [Insert Signature] | [DD/MM/YYYY] |