# Test Artifact Review Report: SauceDemo QA Project

**Document Version:** 1.0

**Project:** SauceDemo E-Commerce Quality Assurance

**Lead Reviewer:** Med (QA Lead)

**Date of Review:** January 16, 2026

## 1. Executive Summary

This report details the findings of a comprehensive review of all test artifacts generated during the SauceDemo testing cycle. The scope of this review covers the **Requirements Traceability Matrix (RTM)**, **29 Test Scenarios**, the **Master Test Checklist** (covering 6 user profiles), and the **Global Bug Reports**.

The primary objective was to ensure that the testing executed by the team (Hajar, Najlae, and Mohammed) was consistent, technically accurate, and provided 100% requirement coverage.

## 2. Review of Test Scenarios & RTM

*Review of the planning phase artifacts (TS-AUTH, TS-NAV, TS-CAT, TS-CART, TS-CHK).*

### **2.1 Coverage Audit**

* **Total Requirements Verified:** 29 functional points.
* **Mapping Accuracy:** 100%. Every test case ID (TC-XXX) is correctly mapped to a specific requirement ID (REQ-XXX) in the RTM.
* **Completeness:** The scenarios effectively cover high-priority paths (Login/Checkout) and secondary navigation (Sidebar/About).

### **2.2 Qualitative Findings**

* **Strengths:** The scenarios clearly distinguish between functional requirements (e.g., "Verify Finish button") and UI requirements (e.g., "Verify grid alignment").
* **Minor Observations:** In TS-AUTH, the expected result for TC-AUTH-02 (Locked User) was initially categorized as a "Functional Block." Reviewer note: This is correctly the "expected failure" state for that specific profile.

## 3. Review of the Master Test Checklist

*Audit of the execution results across the 6 User Profiles (Standard, Locked\_Out, Performance, Error, Visual, Problem).*

### **3.1 Profile-Specific Audit**

#### **A. Standard User (Hajar)**

* **Major Finding:** During the review of the "Standard\_User\_Checklist," an inconsistency was found in CHK-S-27. The actual result in the log noted that the "First Name field remains empty on input," yet the status was originally marked as "PASS."
* **Action Taken:** QA Lead corrected this to **FAIL** to maintain report integrity.

#### **B. Performance User (Mohammed)**

* **Finding:** Exceptional detail in latency measurement. Every "PASS" for this user is qualified with specific timing metrics (e.g., "5.0s delay detected"). This provides high value for the development team.

#### **C. Error & Problem Users (Med & Najlae)**

* **Finding:** The checklist accurately reflects the "Zombie Links" (NAV) and "Logic Dead-Ends" (CHK). The high failure rate (73% for Error User) is documented with clear observations of unresponsive JavaScript event listeners.

#### **D. Visual User (Mohammed)**

* **Finding:** Strong correlation between CSS requirements and actual rendering defects. The report correctly identifies overlapping elements (Tax/Total) and asset corruption (Sloth images).

## 4. Review of Global Bug Reports

*Evaluation of the 15 identified defects for reproducibility and severity.*

### **4.1 Bug Accuracy Table**

| **Bug ID** | **Title Clarity** | **Reproducibility** | **Severity Rating** | **Verdict** |
| --- | --- | --- | --- | --- |
| **BUG-AUTH-01** | High | Clear Steps | High | Approved |
| **BUG-NAV-02** | High | Clear Steps | Critical | Approved |
| **BUG-CAT-01** | High | Profile-specific | Medium | Approved |
| **BUG-UI-01** | High | Cross-profile | High | Approved |
| **BUG-CHK-01** | High | Critical Path | Critical | Approved |
| **BUG-CHK-03** | High | Technical Detail | Critical | Approved |

### **4.2 Criticality Audit**

* **Functional Blocks:** Bugs preventing checkout completion (BUG-CHK-01 and BUG-CHK-03) are correctly assigned **Critical** severity and **High** priority.
* **Security Risk:** The failure of the Logout button (BUG-NAV-02) is correctly escalated as a security vulnerability rather than a simple UI glitch.

## 5. Cross-Artifact Consistency Check

This review verified the "Golden Thread" of the project:

1. **Requirement:** User must be able to finalize an order (REQ-CHK-02).
2. **Scenario:** Verify the 'Finish' button (TC-CHK-04).
3. **Checklist:** Mark as **FAIL** for Error User due to "Dead Click" (CHK-29).
4. **Bug Report:** Created BUG-CHK-03 with technical details of the event listener failure.

**Result:** The "Golden Thread" is intact across all project documentation.

## 6. Final Quality Verdict

**Status: QUALIFIED FOR FINAL SUBMISSION**

Reviewer Conclusion:

The SauceDemo QA project artifacts demonstrate a high degree of professional discipline. The team successfully navigated the complexities of multi-profile testing. While minor execution oversights occurred in the Standard User path (now corrected), the overall defect detection rate and the technical quality of the bug reports are well above industry standards for this project phase.

**Recommendations:**

1. **Hajar:** Ensure "Actual Results" drive the "Status" column without bias toward expected functionality.
2. **Najlae:** Excellent identification of the 404 error on the "About" link; ensure this is highlighted in the executive presentation.
3. **Mohammed:** Maintain the use of specific timing data for performance-related tickets.

*Authorized by:* **Oumnia** *Lead Quality Assurance*