**Test Summary Report**  
**Project:** Swag Labs Automation & Manual Testing  
**Date:** May 16, 2025  
**Prepared by:** QA Team (Salma Abdelaziz, Aya Gamal, Jana Mohammed, Maryam Ahmed)

**Test Summary Report - Manual Testing**

**Executive Summary**

This report provides a comprehensive overview of manual and automation testing for the Swag Labs application. The testing covered Login, Checkout, Item Management, and Logout functionalities, ensuring core workflows and edge cases were validated**.**

**Key Highlights**

100% manual test coverage (35/35 test cases executed)  
 97.1% manual pass rate (34/35 passed)  
 45.7% automation coverage (16/35 scripts executed)  
 1 critical blocker (Login module – locked user issue)

**Test Case Statistics**

| **Metric** | **Count** | **Percentage** |
| --- | --- | --- |
| **Total Planned Test Cases** | **35** | **100%** |
| **Total Executed Test Cases** | **35** | **100%** |
| **Test Cases Coverage** | **35/35** | **100%** |
| **Passed Test Cases** | **34** | **97.1%** |
| **Failed Test Cases** | **1** | **2.9%** |

**Bug Statistics**

| **Severity** | **Count** |
| --- | --- |
| **Blocker** | **1** |
| **Critical/High** | **3** |
| **Medium** | **4** |
| **Low** | **1** |

**Detailed Breakdown by Module**

**A. Login Module (Aya Gamal)**

* **Test Cases Executed:** 12
* **Passed:** 11
* **Failed:** 1 (TC\_LOGIN\_03: Locked user login)
* **Bugs Reported:**
  1. **Bug ID#101:** Locked user error message inconsistency (Expected: "Sorry, this user has been locked out." | Actual: Incorrect message).

A screenshot of a computer

AI-generated content may be incorrect.

**B. Checkout Module (Maryam Ahmed)**

* **Test Cases Executed:** 7
* **Passed:** 7
* **Failed:** 0
* **Bugs Reported:** None.

A screenshot of a computer

AI-generated content may be incorrect.

**C. Item Modules (Jana Mohammed)**

* **Test Cases Executed:** 7
* **Passed:** 7
* **Failed:** 0
* **Bugs Reported:** None.

**D. Logout Module (Salma Abdelaziz)**

* **Test Cases Executed:** 9
* **Passed:** 9
* **Failed:** 0
* **Bugs Reported:** None.

**Defect Summary**

| **Bug ID** | **Module** | **Description** | **Severity** | **Status** |
| --- | --- | --- | --- | --- |
| #101 | Login | Locked user error message mismatch | Blocker | Open |
| #102 | Login | Typo in password field (TC\_LOGIN\_07) | Medium | Open |

**5. Key Observations & Remarks**

* **Highlights:**
  + 100% test coverage was achieved.
  + Checkout and Item Modules showed robust functionality with 100% pass rate.
* **Concerns:**
  + Login module requires fixes for error messaging (Bug #101).
  + Minor typo in test data (Bug #102) needs correction.
* **Recommendations:**
  + Prioritize Bug #101 (Blocker) before release.
  + Retest failed cases post-fix.

**Test Summary Report - Automation Testing**

* **Automation Execution Metrics**
* **Test Script Coverage Overview**

| **Category** | **Total Planned Test Scripts** | **Total Executed Test Scripts** | **Passed** | **Failed** | **Coverage %** |
| --- | --- | --- | --- | --- | --- |
| **Login** | 12 | 12 | 11 | 1 | 100% |
| **Inventory** | 7 | 2 | 2 | 0 | 28.6% |
| **Checkout** | 7 | 1 | 1 | 0 | 14.3% |
| **Logout** | 9 | 1 | 1 | 0 | 11.1% |
| **Total** | **35** | **16** | **15** | **1** | **45.7%** |

**Programming Languages and Frameworks**

**Programming Languages:**

* Java: Used for developing automated test scripts.

**Frameworks & Tools:**

* Selenium WebDriver: Framework for browser automation and functional UI testing.
* TestNG / JUnit: Testing frameworks used to structure and run test cases.
* Maven / Gradle: Build tools used for managing project dependencies and execution.
* Git: Version control system used for tracking code changes and team collaboration.
* Jira: Used for test case management, bug tracking, and sprint planning

A computer screen with text on it

AI-generated content may be incorrect.

A computer screen shot of a program code

AI-generated content may be incorrect.