

# Test Summary Report

**Project:** Swag Labs E-Commerce

**Version:** 1.0

**Submitted To:** Digital Egypt Pioneers Initiative (DEPI)

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**Testing Period:** 1 Nov – 29 Nov

## 1. Executive Summary

The testing life cycle for the Swag Labs web application has been completed. Testing covered Login, Products, Cart, Checkout, and Checkout Completion modules. A total of 136 manual and automated test cases were executed. Although major flows succeeded, several functional & UI defects were discovered. The application is considered partially stable but requires fixes before full release.

## 2. Manual Execution Metrics

| Metric                   | Value |
|--------------------------|-------|
| Total Planned Test Cases | 136   |
| Executed                 | 136   |
| Coverage                 | 100%  |
| Passed                   | 95    |
| Failed                   | 41    |
| Total Reported Bugs      | 10    |

## 3. Automation Execution Metrics

| Metric                | Value |
|-----------------------|-------|
| Total Scripts Planned | 23    |
| Executed              | 23    |
| Coverage              | 100%  |
| Passed                | 23    |
| Failed                | 0     |

## 4. Defect Summary & Critical Issues

A total of 10 defects were reported during the test cycle. The defects span Login validation, product images, cart logic, and checkout data handling issues.

## 5. Recommendations

1. Fix all high-severity defects before release.
2. Perform full regression after applying fixes.
3. Improve validation logic and session handling.
4. Enhance UI consistency and accessibility labels.

## 6. Conclusion & Sign-off

Status: **Ready with Conditions**

The system is functional for major flows, but critical and high-severity defects must be resolved before the application can be recommended for full deployment.