Test Plan

Project: Swag Labs E-Commerce
Version: 1.0
Submitted To: Digital Egypt Pioneers Initiative (DEPI)
Team: Team 1 Swag
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Testing Period: 1 Nov – 29 Nov

1. Introduction

This Test Plan outlines the testing approach for the Swag Labs E-Commerce system. Testing includes Functional, UI, Compatibility, and Automation testing to ensure all major flows perform as expected and critical defects are identified.

2. Scope

2.1 In Scope

• Functional testing for Login, Products, Cart, Checkout modules.
• Manual testing for positive, negative, boundary and edge cases.
• UI testing including labels, layout and alignment.
• Automation using Java, Selenium WebDriver and TestNG.
• Compatibility testing on Chrome browser.

2.2 Out of Scope

• Performance and load tests.
• Security and penetration testing.
• Database and backend API testing.
• Mobile native app testing.

3. Features to Be Tested

• Login Page
• Products Page (listing, sorting, add/remove)
• Cart Page
• Checkout: Your Information
• Checkout Overview
• Checkout Complete

4. Team & Responsibilities

Team Member	Role	Modules
Ahmed Abo Elsuad	QA Engineer	Cart, Logout
Ahmed Yousry	QA Engineer	Login, Products
Hager Hussien	QA Engineer	Checkout Complete

5. Test Deliverables

• Test Plan document
• Manual Test Cases Excel sheet
• RTM (Requirements Traceability Matrix)
• Automation framework (Java + Selenium + TestNG)
• Test Summary Report
• Bug Reports

6. Test Environment

• Chrome browser (latest stable)
• Windows 10
• Java, Selenium WebDriver, TestNG
• GitHub for project collaboration
• Excel for manual test cases

7. Test Strategy

• Test case design covering positive, negative and boundary cases.
• Manual execution of all modules.
• Automation of core user journeys.
• Defect reporting with severity and priority classification.
• Regression testing after fixes.

8. Schedule

Activity	Start	End
Test Planning	20-10-2025	21-10-2025
Test Case Design	22-10-2025	27-10-2025
Manual Execution	28-10-2025	29-10-2025
Bug Reporting	29-10-2025	31-10-2025
Automation Implementation	01-11-2025	13-11-2025
Summary Report	14-11-2025	30-11-2025
Final Submission	15-11-2025	30-11-2025