

## **Project Description**

### **SwagLabs E-commerce (Web & Mobile App)**

This project focuses on testing the SwagLabs e-commerce platform on both Web application and Android mobile application, ensuring that users can smoothly browse products, manage their cart, and complete purchases.

The project includes Manual Testing for both Web & Mobile, and Automation Testing for the Web version using Selenium & TestNG.

### **Manual Testing Scope (Web & Mobile App)**

Manual testing was performed for:

#### **1. Android Mobile Application (SwagLab App)**

- Testing on the mobile app included:
- App installation & launch
- Login with valid and invalid credentials
- Mobile navigation flow
- Adding/removing products from cart
- Checkout flow
- UI testing (buttons visibility, alignment, scrolling)
- Logout functionality

#### **2. Web Application (SwagLabs Website)**

- Login/Logout
- Sorting products
- Add/Remove items
- Cart update
- Checkout process
- Order confirmation
- URL validation
- Page navigation

# Manual Testing Activities

During manual testing, I prepared the following documents covering both the **Web application** and the **Android mobile application**:

## 1- Writing User Stories

I wrote clear user stories that describe the main system features from the end-user perspective, such as:

- Logging into the app to start shopping
- Products Browsing
- Adding products to the cart
- Completing the checkout process on web/mobile
- Logout

## 2- Writing Test Cases

I created detailed test cases including:

- Title
- Preconditions
- Test steps
- Expected results
- Priority
- Status

These test cases covered both:

Web scenarios and Mobile App scenarios

## 3- Bug Reports

I documented bugs found during testing, including:

- Title
- Description
- Severity & Priority
- Steps to reproduce
- Expected vs Actual results
- Severity & Priority

- Screenshots/Video

#### 4- Test Summary Report

I prepared a final summary including:

- Total Test Cases (High-Medium-Low) (Pass/Fail )
- Total Bugs Reported
- Device/Browser coverage
- Execution Time

### Automation Testing Scope (Selenium + TestNG)

Automation was performed **only on the Web application**, covering:

- Valid /Invalid Login
- Add/Remove product to cart
- Checkout up to order completion
- Assertions for URLs & element visibility
- Using WebDriverWait instead of Thread.sleep
- TestNG annotations: @BeforeMethod, @AfterMethod, Priority
- Generating TestNG report

Automation Stack:

- Java
- Selenium WebDriver
- TestNG
- Maven (optional)