TEST REPORT

**Report for saucedemo.com | Swag Labs**

**Tester:** Ida Baručija   
**Test Duration:** 3 days  
**Tools Used:** qase.io, Playwright (Java) for automated tests  
**Scope:** Functional and regression testing of key functionalities on saucedemo.com, including user login, product selection, adding products to the cart, and the checkout process.  
**Test Environment:**

* Browser: Chrome
* Operating Systems: Windows 10
* Test Data: User accounts (valid, invalid, locked out)

**Execution Summary:**

* **Test Cases Executed:** 55
* **Test Cases Passed:** 39
* **Test Cases Failed:** 16
* **Bug Reports Filed:** 15

All test cases were executed via qase.io, and automation scripts were written in Java using Playwright. The test automation scripts successfully covered major use cases and highlighted specific bugs.

**API Testing (randomuser.me/api)**

**Tools Used:** Postman, JMeter  
**Scope:** Functional and load testing of random user generation endpoint (https://randomuser.me/api/).

1. **Functional Testing with Postman**
   * Tested basic **GET** requests for user generation.
   * Verified query parameters such as nationality, gender, and result count.
2. **Load Testing with JMeter**
   * Sent 50 requests per minute to https://randomuser.me/api/.
   * Monitored response times, system behavior, and errors.
   * No major performance bottlenecks were observed, and the API handled the load well.