# Automation QA – Software Test Description

**Created By:** Dvir Karilker, Yarden Roshal

**System Type:** Website, Web Application.

**Target System (Base URL):** https://www.saucedemo.com/

**Main Programming Language Used:** Python.

**Other Technologies Used:**

1. **Libraries –**
   1. Pytest
   2. Selenium WebDriver
   3. allure-pytest
   4. Selenium Common
2. **Platforms –**
   1. Git

| **# Test ID** | **Test Type** | **Description** | **Expected** | **Status** |
| --- | --- | --- | --- | --- |
| **1** | Sanity | Assuring the driver’s location is correct | Driver’s location is correct ("https://www.saucedemo.com/"  ) | **Ｖ** |
| **2** | Sanity | Assuring the Existence of the **Username** field | **Username** field exist | **Ｖ** |
| **3** | Sanity | Assuring the Existence of the **Password** field | **Password** field exist | **Ｖ** |
| **4** | Non Functional - UX | Assuring **Placeholders** existence for both fields | **Placeholders** exists for both fields | **Ｖ** |
| **5** | Usability | Assuring no text exists in both fields | Both fields have no value | **Ｖ** |
| **6** | Security | Login attempt with no credentials | Login attempt has failed | **Ｖ** |
| **7** | Security | Login attempt - correct **Username**  no  **Password** | Login attempt has failed | **Ｖ** |
| **8** | Security | Login attempt - correct **Password**  no **Username** | Login attempt has failed | **Ｖ** |
| **9** | Security | Login attempt - correct **Password**  incorrect **Username** | Login attempt has failed | **Ｖ** |
| **10** | Security | Login attempt - correct **Username**  incorrect **Password** | Login attempt has failed | **Ｖ** |
| **11** | Security | Login attempt - incorrect **Username**  incorrect **Password** | Login attempt has failed | **Ｖ** |
| **12** | Functional | Login attempt - correct **Username**  correct **Password** | Login attempt has succeeded | **Ｖ** |
| **13** | Non Functional - UX | Verifying **Prices** display | Each Item has a Price | **Ｖ** |
| **14** | Non Functional - UX | Verifying **Images** display | Each Item has an Image | **Ｖ** |
| **15** | Functional | Clicking an Item’s Title | User directed to Correct Item’s page | **Ｖ** |
| **16** | Functional | Going Back to **Products** | User is directed to Products page | **Ｖ** |
| **17** | Functional | Clicking an Item’s Image | User directed to Correct Item’s page | **Ｖ** |
| **18** | Functional | Adding an Item to the Cart from Item’s page | Cart displays “1”, Item added | **Ｖ** |
| **19** | Functional | Verifying Item’s status is updated | Item’s option displays “Remove” | **Ｖ** |
| **20** | Functional | Going Back to **Products** and Verifying Item’s status is updated | Selected Item’s option displays “Remove” in Products page | **Ｖ** |
| **21** | Functional | Adding an Item to the Cart from Products page | Cart displays “2”, Item added | **Ｖ** |
| **22** | Functional | Verifying second Item’s status is updated | Second Item’s option displays “Remove” in Products page | **Ｖ** |
| **23** | Functional | Clicking on the “Cart” icon | Cart displays 2 selected Items | **Ｖ** |
| **24** | Functional | Removing an Item in the Cart window | Item is Removed from the window, Cart icon shows “1” | **Ｖ** |
| **25** | Functional | Going Back to **Products** and Verifying Removed Item’s status is updated | Removed item’s status/option is “Add to cart” | **Ｖ** |
| **26** | Functional | Clicking on the “Cart” icon and then on “Checkout” | User is directed to Checkout page | **Ｖ** |
| **27** | Functional | Filling in details in checkout fields and clicking on “Continue” | User is directed to Checkout’s Overview page | **Ｖ** |
| **28** | Functional | Calculating the Total price | Total price matches the Item’s Price + Tax | **Ｖ** |
| **29** | Functional | Clicking on “Finish” | User is directed to “Checkout: Complete!” page | **Ｖ** |
| **30** | Functional | Clicking on “Back Home” | User is directed to Home/Products page | **Ｖ** |
| **31** | Functional | Expanding Menu and checking elements are displayed | Menu is expanded with 4 “clickable” options | **Ｖ** |
| **32** | Functional | Clicking on “Logout | User is logged out of the system | **Ｖ** |