**Assignment**

**Task 2 :** UI Automation testing.

**Test Case ID:** TC01

**Title:** Login Functionality Test

**Description:** To verify that the login functionality works correctly on the website https://www.saucedemo.com/

**Preconditions:**

1. The user must have valid credentials (username and password).
2. The website is accessible and responsive.

**Test Steps:**

1. Navigate to the login page of the website.
2. Enter a valid username and password.
3. Click on the login button.

**Expected Results**: Verify that the user is successfully logged in and redirected to the homepage.

**Test Case 2: Add to Cart**

**Test Case ID:** TC02

**Title:** Verify Add to Cart Functionality

**Description:** Ensure that clicking the "Add to Cart" button adds the selected product to the shopping cart.

**Preconditions:**

**1.** The user must have valid credentials (username and password).

2. The website is accessible and responsive.

**Steps:**

* 1. Navigate to the product detail page for a specific product (e.g., Sauce Labs Backpack).
  2. Click the “Add to Cart” button.
  3. Navigate to the shopping cart page.
  4. Verify that the product “Sauce Labs Backpack” Is added in the cart.

**Expected Result:** The product “Sauce Labs Backpack” should be present in the shopping cart with the correct quantity.

**Test Case 3. Search with Empty Input in Amazon.com**

**Test Case ID:** TC03

**Title:** search Functionality with Empty Input Test

**Description:** To verify that the search Functionality with Empty Input Test works correctly on the website https://www.Amazon.com/

**Preconditions:**

1. The user must have logged in using valid credentials (username and password).
2. The website is accessible and responsive.

**Steps:**

1. Locate the search bar at the top of the homepage.
2. Leave the search bar empty.
3. Press the "Search" button or hit Enter.

**Expected Result:**

* The search results page should display all products or redirect to the main product listing page.