Test Case Specification

**For each test case the environment is as follows:**

# Test Environment:

**-Operating System:Windows 10**

**-Browser:Chrome 114.0**

# TC-001

**Type:Positive.**

**User Story:As a standard user I want to be able to login.**

**Test Case Design:Login.**

**Test Case ID: TC001.**

**Test Case Description:Verify that a standard user can successfully login on the website.**

**Preconditions:**

**1. The user must be on** [**https://www.saucedemo.com**](https://www.saucedemo.com)**.**

**2. Any previous login session must be logged out.**

**Steps:**

**1.Click the “username” text area.**

**2.Write username.**

**3.Click the “password” text area.**

**4.Write password.**

**5.Click the “login” button.**

**Expected Results:**

**Step 5-Verify that after clicking the “login” button the “inventory” page (ProductListPage) is displayed.**

**Test Data:**

**-Test User:**

**-First Name:standard\_user**

**-Last Name:secret\_sauce**

**Test Pass/Fail Criteria:**

**-The inventory page is displayed successfully.**

**-No error messages or unexpected behavior is encountered during the test execution.**

# TC-002

**Type:Negative.**

**Test Case Design:Login**

**Test Case ID:TC-002**

**Test Case Description:Verify that a user can’t login with a locked user account.**

**Preconditions:**

**1. The user must be on** [**https://www.saucedemo.com**](https://www.saucedemo.com)**.**

**2. Any previous login session must be logged out.**

**Steps:**

**1.Click the “username” text area.**

**2.Write username.**

**3.Click the “password” text area.**

**4.Write password.**

**5.Click the “login” button.**

**Expected Results:**

**Step 5-Verify that after clicking the “login” button an error message indicating that the user has been locked out is displayed.**

**Test Data:**

**-Test User:**

**-First Name:locked\_out\_user**

**-Last Name:secret\_sauce**

**Test Pass/Fail Criteria:**

**-The login fails and the user gets a message indicating that the user has been locked-out.**

**-No unexpected behavior is encountered during the test execution.**

# TC-003

**Type:Positive.**

**Test Case Design:Inventory(Product List Page)**

**Test Case ID:TC-003**

**Test Case Description:Verify that a user can add products from the “inventory” to their “cart”.**

**Preconditions:**

**1. The user must be logged in.**

**Steps:**

**1.Click an “Add to cart” button on the “inventory”.**

**2.Repeat step 1 for all “Add to cart” buttons.**

**Expected Results:**

**Step 1-Verify that a red circle with the number 1 appears on the cart icon.**

**Step 2-6:Verify that the number on the red circle increased after the “Add to cart” button was clicked.**

**Test Data:**

**-None.**

**Test Pass/Fail Criteria:**

**-The number on the red circle is 6.**

**-No error messages or unexpected behavior is encountered during the test execution.**

# TC-004

**Type:Positive.**

**Test Case Design:Inventory**

**Test Case ID:TC-004**

**Test Case Description:Verify that a user can remove from the “cart” the recently added product .**

**Preconditions:**

**1. The user must be logged in.**

**2. The user must have clicked an “Add to cart” button.**

**Steps:**

**1.Go to a “Remove” button on the “inventory” page.**

**2.Click the “Remove” button.**

**3.Repeat step 1 and 2 for all “Remove” buttons left.**

**Expected Results:**

**Step 2-Verify that the number on the red circle decreased .**

**Step 3-After the last “Remove” button has been clicked the red circle disappears.**

**Test Data:**

**-None.**

**Test Pass/Fail Criteria:**

**-The cart icon has no red circle.**

**-No error messages or unexpected behavior is encountered during the test execution.**

# TC-005

**Type:Positive.**

**Test Case Design:Inventory**

**Test Case ID:TC-005**

**Test Case Description:Verify that a user can sort the items on the “inventory” page by Name (A to Z).**

**Preconditions:**

**1. The user must be logged in.**

**2. Name (A to Z) must not be previously selected.**

**Steps:**

**1.Go to the sort select (under the cart icon).**

**2.Click it.**

**3.Click the “Name (A to Z)” option.**

**Expected Results:**

**Step 3-Verify that the products on the “inventory” page are sorted properly.**

**Test Data:**

**-None.**

**Test Pass/Fail Criteria:**

**-The products are sorted properly.**

**-No error messages or unexpected behavior is encountered during the test execution.**

# 

# 

# TC-006

**Type:Positive.**

**Test Case Design:Inventory**

**Test Case ID:TC-006**

**Test Case Description:Verify that a user can sort the items on the “inventory” page by Name (Z to A).**

**Preconditions:**

**1. The user must be logged in.**

**2. Name (Z to A) must not be previously selected.**

**Steps:**

**1.Go to the sort select (under the cart icon).**

**2.Click it.**

**3.Click the “Name (Z to A)” option.**

**Expected Results:**

**Step 3-Verify that the products on the “inventory” page are sorted properly.**

**Test Data:**

**-None.**

**Test Pass/Fail Criteria:**

**-The products are sorted properly.**

**-No error messages or unexpected behavior is encountered during the test execution.**

# TC-007

**Type:Positive.**

**Test Case Design:Inventory**

**Test Case ID:TC-007**

**Test Case Description:Verify that a user can sort the items on the “inventory” page by Price (Low to High).**

**Preconditions:**

**1. The user must be logged in.**

**2. Price (Low to High) must not be previously selected.**

**Steps:**

**1.Go to the sort select (under the cart icon).**

**2.Click it.**

**3.Click the “Price (Low to High)” option.**

**Expected Results:**

**Step 3-Verify that the products on the “inventory” page are sorted properly.**

**Test Data:**

**-None.**

**Test Pass/Fail Criteria:**

**-The products are sorted properly.**

**-No error messages or unexpected behavior is encountered during the test execution.**

# TC-008

**Type:Positive.**

**Test Case Design:Inventory**

**Test Case ID:TC-008**

**Test Case Description:Verify that a user can sort the items on the “inventory” page by Price (High to Low).**

**Preconditions:**

**1. The user must be logged in.**

**2. Price (High to Low) must not be previously selected.**

**Steps:**

**1.Go to the sort select (under the cart icon).**

**2.Click it.**

**3.Click the “Price (High to Low)” option.**

**Expected Results:**

**Step 3-Verify that the products on the “inventory” page are sorted properly.**

**Test Data:**

**-None.**

**Test Pass/Fail Criteria:**

**-The products are sorted properly.**

**-No error messages or unexpected behavior is encountered during the test execution.**

# TC-009

**Type:Positive.**

**Test Case Design:Cart**

**Test Case ID:TC-009**

**Test Case Description:Verify that a user can go to the “cart” page to see any product I added to the cart.**

**Preconditions:**

**1. The user must be logged in.**

**2. A product must have been added to the cart.**

**Steps:**

**1.Go to the “cart” icon**

**2.Click it.**

**Expected Results:**

**Step 2-Verify that the cart page is displayed and the added products are in the cart.**

**Test Data:**

**-None.**

**Test Pass/Fail Criteria:**

**-The cart and the products on it are displayed.**

**-No error messages or unexpected behavior is encountered during the test execution.**

# TC-010

**Type:Positive.**

**Test Case Design:Cart**

**Test Case ID:TC-010**

**Test Case Description:Verify that a user can remove a product from the cart.**

**Preconditions:**

**1. The user must be logged in.**

**2. The user must be on the “cart” page.**

**3.A product must have been added previously to the cart.**

**Steps:**

**1.Go to the “Remove” button of the product.**

**2.Click it.**

**Expected Results:**

**Step 2-Verify that the product is not on the cart.**

**Test Data:**

**-None.**

**Test Pass/Fail Criteria:**

**-The product was removed from the cart.**

**-No error messages or unexpected behavior is encountered during the test execution.**

# TC-011

**Type:Positive.**

**Test Case Design:Cart**

**Test Case ID:TC-011**

**Test Case Description:Verify that a user can go back to the “inventory” by clicking on the “Continue shopping” button.**

**Preconditions:**

**1. The user must be logged in.**

**2. The user must be on the “cart” page.**

**Steps:**

**1.Go to the “Continue Shopping” button.**

**2.Click it.**

**Expected Results:**

**Step 2-Verify that the “inventory” page is displayed.**

**Test Data:**

**-None.**

**Test Pass/Fail Criteria:**

**-The “inventory” page is displayed.**

**-No error messages or unexpected behavior is encountered during the test execution.**

# TC-012

**Type:Positive.**

**Test Case Design:Cart**

**Test Case ID:TC-012**

**Test Case Description:Verify that a user can go to the “checkout-step-one” page.**

**Preconditions:**

**1. The user must be logged in.**

**2. The user must be on the “cart” page.**

**3.A product must have been added previously to the cart.**

**Steps:**

**1.Go to the “Checkout” button.**

**2.Click it.**

**Expected Results:**

**Step 2-Verify that the “checkout-step-one” page is displayed.**

**Test Data:**

**-None.**

**Test Pass/Fail Criteria:**

**-The “checkout-step-one” is displayed.**

**-No error messages or unexpected behavior is encountered during the test execution.**

# TC-013

**Type:Negative.**

**Test Case Design:Cart**

**Test Case ID:TC-013**

**Test Case Description:Verify that a user can’t go to the “checkout-step-one” page with no product on the cart.**

**Preconditions:**

**1. The user must be logged in.**

**2. The user must be on the “cart” page.**

**3. No product must be on the cart.**

**Steps:**

**1.Go to the “Checkout” button.**

**2.Click it.**

**Expected Results:**

**Step 2-Verify that an error message indicating that the user has no products on the cart is displayed.**

**Test Data:**

**-None.**

**Test Pass/Fail Criteria:**

**-An error message indicating that the user has no products on the cart is displayed.**

**-No unexpected behavior is encountered during the test execution.**

# TC-014

**Type:Positive.**

**Test Case Design:Checkout-Step-One**

**Test Case ID:TC-014**

**Test Case Description:Verify that a user can fill the required form and continue to “Checkout-Step-Two”.**

**Preconditions:**

**1. The user must be logged in.**

**2.A product must have been added previously to the cart.**

**Steps:**

**1.Go to the “First Name” text area.**

**2.Write the First Name.**

**3.Go to the “Last Name” text area.**

**4.Write the Last Name.**

**5.Go to the “Zip Code” text area.**

**6-Write the Zip Code.**

**7.Click the “Continue” button.**

**Expected Results:**

**Step 7-Verify that “Checkout-Step-Two” is displayed.**

**Test Data:**

**-First Name:John.**

**-Last Name:Doe.**

**-Zip Code:12345.**

**Test Pass/Fail Criteria:**

**- “Checkout-Step-Two” page is displayed.**

**-No error messages or unexpected behavior is encountered during the test execution.**

# TC-015

**Type:Positive.**

**Test Case Design:Cart**

**Test Case ID:TC-015**

**Test Case Description:Verify that a user can go back to the “cart” from the “Checkout-Step-One” page.**

**Preconditions:**

**1. The user must be logged in.**

**2.A product must have been added previously to the cart.**

**Steps:**

**1.Go to the “Continue Shopping” button.**

**2.Click it.**

**Expected Results:**

**Step 2-Verify that the “cart” page is displayed.**

**Test Data:**

**-None.**

**Test Pass/Fail Criteria:**

**-The cart page is displayed.**

**-No error messages or unexpected behavior is encountered during the test execution.**

# TC-016

**Type:Negative.**

**Test Case Design:Cart**

**Test Case ID:TC-016**

**Test Case Description:Verify that a user can’t continue to “checkout-step-two” without providing a “First Name”.**

**Preconditions:**

**1. The user must be logged in.**

**2.A product must have been added previously to the cart.**

**Steps:**

**1.Go to the “Last Name” text area.**

**2.Write Last Name.**

**3.Go to the “Zip Code” text area.**

**4-Write the Zip Code.**

**5.Click the “Continue” button.**

**Expected Results:**

**Step 5-Verify that an error message indicating that a “First Name” is required is displayed.**

**Test Data:**

**-Last Name:Doe.**

**-Zip Code:12345.**

**Test Pass/Fail Criteria:**

**-An error message indicating that a “First Name” is required is displayed.**

**-No unexpected behavior is encountered during the test execution.**

# TC-017

**Type:Negative.**

**Test Case Design:Cart**

**Test Case ID:TC-016**

**Test Case Description:Verify that a user can’t continue to “checkout-step-two” without providing a “First Name”.**

**Preconditions:**

**1. The user must be logged in.**

**2.A product must have been added previously to the cart.**

**Steps:**

**1.Go to the “First Name” text area.**

**2.Write the First Name.**

**3.Go to the “Zip Code” text area.**

**4-Write the Zip Code.**

**5.Click the “Continue” button.**

**Expected Results:**

**Step 5-Verify that an error message indicating that a “Last Name” is required is displayed.**

**Test Data:**

**-First Name:John.**

**-Zip Code:12345.**

**Test Pass/Fail Criteria:**

**-An error message indicating that a “Last Name” is required is displayed.**

**-No error messages or unexpected behavior is encountered during the test execution.**

# TC-018

**Type:Negative.**

**Test Case Design:Cart**

**Test Case ID:TC-016**

**Test Case Description:Verify that a user can’t continue to “checkout-step-two” without providing a “Zip Code”.**

**Preconditions:**

**1. The user must be logged in.**

**2.A product must have been added previously to the cart.**

**Steps:**

**1.Go to the “First Name” text area.**

**2.Write First Name.**

**3.Go to the “Last Name” text area.**

**4.Write Last Name.**

**5.Click the “Continue” button.**

**Expected Results:**

**Step 5-Verify that an error message indicating that a “Zip Code” is required is displayed.**

**Test Data:**

**-First Name:John.**

**-Last Name:Doe.**

**Test Pass/Fail Criteria:**

**-An error message indicating that a “Zip Code” is required is displayed.**

**-No error messages or unexpected behavior is encountered during the test execution.**

# TC-019

**Type:Positive.**

**Test Case Design:Cart**

**Test Case ID:TC-019**

**Test Case Description:Verify that a user can finish the checkout by clicking the “finish” button.**

**Preconditions:**

**1. The User must be logged in.**

**2. The User must be on the “checkout-step-two” page.**

**Steps:**

**1.Go to the “finish” button.**

**2.Click it.**

**Expected Results:**

**Step 2-Verify that a message indicating that the order was a success is displayed.**

**Test Data:**

**-None.**

**Test Pass/Fail Criteria:**

**- A message indicating that the order was a success is displayed.**

**-No error messages or unexpected behavior is encountered during the test execution.**

# TC-020

**Type:Positive.**

**Test Case Design:Cart**

**Test Case ID:TC-020**

**Test Case Description:Verify that a user can cancel the checkout by clicking the “cancel” button.**

**Preconditions:**

**1. The User must be logged in.**

**2. The User must be on the “checkout-step-two” page.**

**Steps:**

**1.Go to the “cancel” button.**

**2.Click it.**

**Expected Results:**

**Step 2-Verify that the “inventory” page is displayed.**

**Test Data:**

**-None.**

**Test Pass/Fail Criteria:**

**-The “inventory” page is displayed.**

**-No error messages or unexpected behavior is encountered during the test execution.**