Swag Labs Automation Test Plan

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# **Scope**

The scope of this document is to provide an outline of testing that will be performed for the website <https://www.saucedemo.com/>.

The test cases are grouped together under their relevant feature, and are written in Gherkin syntax for clarity. These are automated test cases which will replicate the usage of a website UI and identify any issues in the process.

Please refer to code for more details about the test scenarios. An auto-generated test execution report in HTML format is also provided with this document.

The tools and technologies that will be used to carry out the test are:

* Visual Studio 2022
* C#
* Specflow
* Selenium Web Driver
* Fluent Assertions
* Gherkin syntax

# Feature: Login

This section contains test scenarios for the login feature.

**Scenario: Login with valid credentials**

Given user redirected to login page

When user inputs username "standard\_user"

And user inputs password "secret\_sauce"

And the login button is clicked

Then the user should be redirected to page "https://www.saucedemo.com/inventory.html"

**Scenario: Logout**

Given user redirected to login page

And user inputs username "standard\_user"

And user inputs password "secret\_sauce"

And the login button is clicked

And the user should be redirected to page "https://www.saucedemo.com/inventory.html"

When user clicks on hamburger menu

And user clicks on logout

Then the user should be redirected to page "https://www.saucedemo.com"

**Scenario: Login with locked out user credentials**

Given user redirected to login page

When user inputs username "locked\_out\_user"

And user inputs password "secret\_sauce"

And the login button is clicked

Then the user stays on the login page "https://www.saucedemo.com/"

And the user should displayed with an error message "Epic sadface: Sorry, this user has been locked out."

**Scenario: Login with problem user credentials**

Given user redirected to login page

When user inputs username "problem\_user"

And user inputs password "secret\_sauce"

And the login button is clicked

Then the user should be redirected to page "https://www.saucedemo.com/inventory.html"

**Scenario: Login with user credentials on a slow performing website**

Given user redirected to login page

When user inputs username "performance\_glitch\_user"

And user inputs password "secret\_sauce"

And the login button is clicked

Then the user should be redirected to page "<https://www.saucedemo.com/inventory.html>"

# Feature: ShoppingCart

This section contains test scenarios for the shopping cart feature.

**Scenario: Adding product to cart**

Given user is logged in with username "standard\_user" and password "secret\_sauce"

When user clicks on add to cart for product "Sauce Labs Backpack"

Then the product should be added to cart with number showing 1

**Scenario: Adding product to cart with problem user**

Given user is logged in with username "problem\_user" and password "secret\_sauce"

When user clicks on add to cart for product "Sauce Labs Backpack"

Then the product should be added to cart with number showing 1

**Scenario: View product in cart**

Given user is logged in with username "standard\_user" and password "secret\_sauce"

And user clicks on add to cart for product "Sauce Labs Backpack"

When user clicks on the cart button

Then the product "Sauce Labs Backpack" should be visible in cart

**Scenario: Remove product from catalog**

Given user is logged in with username "standard\_user" and password "secret\_sauce"

And user clicks on add to cart for product "Sauce Labs Backpack"

And the product should be added to cart with number showing 1

When user clicks on remove button for product "Sauce Labs Backpack"

Then the cart should be emptied

**Scenario: Remove product from catalog with problem user**

Given user is logged in with username "problem\_user" and password "secret\_sauce"

And user clicks on add to cart for product "Sauce Labs Backpack"

And the product should be added to cart with number showing 1

When user clicks on remove button for product "Sauce Labs Backpack"

Then the cart should be emptied

**Scenario: Remove product from cart page**

Given user is logged in with username "standard\_user" and password "secret\_sauce"

And user clicks on add to cart for product "Sauce Labs Backpack"

And the product should be added to cart with number showing 1

When user clicks on the cart button

And user clicks on remove button for product "Sauce Labs Backpack"

Then the cart should be emptied

**Scenario: Proceed to checkout page**

Given user is logged in with username "standard\_user" and password "secret\_sauce"

And user clicks on add to cart for product "Sauce Labs Backpack"

And the product should be added to cart with number showing 1

When user clicks on the cart button

And user clicks on checkout button

Then the user should be redirected to the page "https://www.saucedemo.com/checkout-step-one.html"

**Scenario: Proceed to order placement page**

Given user is logged in with username "standard\_user" and password "secret\_sauce"

And user clicks on add to cart for product "Sauce Labs Backpack"

And the product should be added to cart with number showing 1

And user clicks on the cart button

And user clicks on checkout button

And the user should be redirected to the page "https://www.saucedemo.com/checkout-step-one.html"

When user inputs "First Name" as "Test"

And user inputs "Last Name" as "Test"

And user inputs "Postal Code" as "Test"

And user clicks on continue button

Then the user should be redirected to the page "https://www.saucedemo.com/checkout-step-two.html"

**Scenario: Place order**

Given user is logged in with username "standard\_user" and password "secret\_sauce"

And user clicks on add to cart for product "Sauce Labs Backpack"

And the product should be added to cart with number showing 1

And user clicks on the cart button

And user clicks on checkout button

And the user should be redirected to the page "https://www.saucedemo.com/checkout-step-one.html"

And user inputs "First Name" as "Test"

And user inputs "Last Name" as "Test"

And user inputs "Postal Code" as "Test"

And user clicks on continue button

And the user should be redirected to the page "https://www.saucedemo.com/checkout-step-two.html"

When user clicks on finish button

Then the user should be redirected to the page "https://www.saucedemo.com/checkout-complete.html"

And a message with "Thank you for your order!" is displayed to the user

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