

Swag Labs Website QA Test Plan

1. Introduction

1.1 Purpose

This document serves as an overview of the testing approach used for the Swag Labs website.

1.2 Scope

This test plan covers the login functionality, product details, cart management, checkout process, category sorting, Logout and additional features.

2. Test Strategy

The testing strategy involves both unit testing and system testing to ensure the functionality of individual components and the overall system.

3. Test Environment

- Browser: Chrome, Firefox, Safari
- Operating System: Windows, MacOS, Linux

4. Test Cases

Table 1: Unit Test for standard_user Login

Test ID	Test Scenario	Test Steps	Test Data	Expected Output	Actual Output	Test Result
UI01	Login with standard_user	1. Open the Swag Labs website. 2. Enter username as "standard_user" and password as "secret_sauce" 3. Click on the Login button.	Username: standard_user Password: secret_sauce	User should be able to login successfully.	User successfully logged in	Pass
UI02	Login with invalid username	1. Open the Swag Labs website. 2. Enter a valid password and an invalid username. 3. Click on the Login button.	Username: abc_user Password: secret_sauce	User sees an error message indicating the username does not match any user.	Error message displayed correctly.	Pass

UI03	Login with invalid credentials	<div>1. Open the Swag Labs website.</div> <div>2. Enter an invalid username and password.</div> <div>3. Click on the Login button.</div>	<div>Username: abc_user</div> <div>Password: swag_user</div>	User sees an error message indicating, username and password do not match any user in this service.	Error message displayed correctly.	Pass
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Table 2:Unit Tests for standard_user Cart and Wishlist Management

Tes tID	Test scenario	Test Steps	Test Data	Expected Output	Actual Output	Test Result
UI01	Verify adding to cart	1. Login with standard_user credentials. 2. Browse products and select one 3. Click on "Add to Cart"	Click on “Add to cart”	Product added to the cart	Product added to the cart successfully .	Pass
UI02	Verify removing from cart	1. Login with standard_user credentials. 2. Navigate to cart page. 3. Click on "Delete" button	Click on "Delete "button	Product removed from the cart	Product removed from the cart successf ully.	Pass
UI03	Verify adding to Wishlist	1. Login with standard_user credentials. 2. Browse products	Click on add to Wishlist button.	Product added to the Wishlist	Product added to the Wishlist successfully.	Pass

		and select one. 3. Click on the "Add to Wishlist" button.				
UI04	Verify removing from Wishlist	1.Login with standard_user credentials. 2.Navigate to wishlists page Click on the "Delete" cross button	Click on the "Delete" cross button	Product removed from the Wishlist	Product successfully removed from the Wishlist.	Pass
UI05	Verify remove from wishlist when adding to cart	1.Login with standard_user credentials. 2.Navigate to wish lists page Add product to cart	Click on “Add to cart”	Product added to cart and removed from Wishlist	Product added to cart removed from Wishlist Successfull y.	Pass

Table 3:Unit Tests for Categories sorting (standard_user)

Test ID	Test scenario	Test Steps	Test Data	Expected Output	Actual Output	Test Result
UI01	Category sorting Name A-Z	1.Log in with the standard_user credentials. 2. Navigate to the categories section and select "Name A-Z" sorting.	-	Products are displayed in alphabetical order (A-Z).	Products sorted correctly.	Pass
UI02	Category sorting Name Z-A	1.Log in with standard_user credentials. 2.Navigate to the categories section and select "Name Z-A" sorting.	-	Products are displayed in reverse alphabetical order (Z-A).	Products sorted correctly.	Pass

UI03	Category sorting Price Low to High	1.Log in with standard_user credentials. 2. Navigate to the categories section and select "Price Low to High" sorting.	-	Products are displayed in ascending order of price.	Products sorted correctly.	Pass
UI04	Category sorting Price High to Low	1. Log in with standard_user credentials. 2.Navigate to the categories section and select "Price High to Low" sorting.	-	Products are displayed in descending order of price.	Products sorted correctly.	Pass

Table 4:Unit Tests for product detail (standard_user)

Test ID	Test Scenario	Test Steps	Test Data	Expected Output	Actual Output	Test Result
UT01	View Product Details	1. Click on a product.	Product-1	Product details are displayed.	Product details are displayed.	Pass
UT02	Add to Cart from Product Detail	1. Click "Add to Cart" from the product detail page.	Product-1	Product is added to the cart.	Product is added to the cart.	Pass

Table 5: System Tests for product (standard_user)

Test ID	Test Scenario	Test Steps	Test Data	Expected Output	Actual Output	Test Result
TC01	Checkout process	1. Log in with standard_user credentials. 2. Add a product to the cart. 3. Navigate to the cart and click on "Checkout." 4. Fill in valid information in the "Your Information" section (First Name, Last Name, Zip/Postal Code).	Valid user information	User can proceed to the next step after filling in information.	Information filled successfully.	Pass
TC02	Complete Purchase Process	1. Add a product to the cart. 2. Proceed to checkout. 3. Fill in information. 4. Complete the purchase.	Product-1 User: Anuradha	Purchase is successful, order confirmation is displayed.	Purchase is successful, order confirmation is displayed.	Pass

TC03	Categories Sorting Validation	1. Navigate to the Categories section. 2. Click on various sorting options.	-	Products are correctly sorted according to the selected option.	Products are correctly sorted according to the selected option.	Pass
TC04	Reset App State	1. Click on "Reset App State".	-	No response or change in the application state.	No response or change in the application state.	Pass
TC05	All Item Option	1. Click on "All Item" option.	-	User is redirected to the landing page.	User is redirected to the landing page.	Pass
TC06	About Option	1. Click on "About" option.	-	User is redirected to a different website.	User is redirected to a different website.	Pass
TC07	Logout functionality	1.Login with standard_user credentials. 2. Click on the "Logout" button.	-	User is logged out, redirected to the login page.	User successfully logged out.	Pass

Table 6:Swag Labs Website for locked_out_user

Test ID	Test Scenario	Test Steps	Test Data	Expected Output	Actual Output	Test Result
TC01	Login with locked_out_user	1. Open the Swag Labs website. 2. Enter username as "locked_out_user" and password as "secret_sauce". 3. Click on the Login button.	Username: locked_out_user, Password: secret_sauce	User sees an error message indicating that "Epic sadface: Sorry,this user has been locked.	Error message displayed correctly.	Pass

Table 7:Swag Labs Website for problem_user

Test ID	Test Scenario	Test Steps	Test Data	Expected Output	Actual Output	Test Result
TC01	Login with problem_user	1. Open the Swag Labs website. 2. Enter username as "problem_user" and password as "secret_sauce". 3. Click on the Login button.	Username: problem_user , Password: secret_sauce	User should be able to login successfully.	User successfully logged in.	Pass
TC02	Product detail page (Image not loaded)	Login as problem_user, visit product detail page	-	Product details displayed without image	Product details displayed without image	Pass
TC03	Add to cart from home page	Add products to cart from the home page	-	Products should be added to the cart	All the products are not added to the cart	Fail

					successfully.	
TC04	Remove all products from cart	Click on remove button in the cart	-	All products should be removed from the cart	Only some product removed from the cart	Fail
TC05	Checkout process	Fill in information and proceed to checkout	-	Should proceed to the next step in the checkout	Proceeded to the next step in checkout	Pass
TC06	Continue Shopping	Click on continue shopping	-	Should redirect to the landing page	Redirected to the landing page	Pass
TC07	Category sorting - Name A-Z	Sort products by name A-Z	Product list sorted alphabetically	Products should be sorted alphabetically	Products are not sorted alphabetically	Fail

TC08	Category sorting - Name Z- A	Sort products by name Z-A	Product list sorted reverse alphabetically	Products should be sorted in reverse alphabeti cally	Products are not sorted in reverse alphabeti cally	Fail
TC09	Category sorting - Price Low to High	Sort products by price low to high	Product list sorted by price low to high	Products should be sorted by price low to high	Products sorted by price low to high	Fail
TC10	Category sorting - Price High to Low	Sort products by price high to low	Product list sorted by price high to low	Products should be sorted by price high to low	Products are not sorted by price high to low	Fail
TC11	Reset App State	Click on Reset App State button	-	No noticeabl e change should occur	No noticeabl e change occurred	Pass

TC12	Logout functiona lity	Click on the logout button	-	Should be logged out and redirecte d to the login page	Logged out and redirecte d to login page	Pass
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Table 8:Swag Labs Website for performance_glitch_user

Test ID	Test Scenario	Test Steps	Test Data	Expected Output	Actual Output	Test Result
TC01	Login with performance_glitch_user (Slow Performance)	<ol style="list-style-type: none"> 1. Open the Swag Labs website. 2. Enter username as "performance_glitch_user" and password as "secret_sauce". 3. Click on the Login button. 	Username: performance_glitch_user , Password: secret_sauce	User logs in with slow performance observed.	Slow performance during login.	Pass
TC02	Add Product to Cart with Slow Performance	<ol style="list-style-type: none"> 1. Log in with performance_glitch_user credentials. 2. Select a product from the product details page. 3. Click on the 	Select any product	The selected product is added to the cart, but the website experiences slow performance.	Product added to the cart with slow performance.	Pass

		"Add to Cart" button.				
TC03	Checkout with Slow Performance	<p>1. Log in with performance_glitch_user credentials.</p> <p>2. Add a product to the cart.</p> <p>3. Navigate to the cart and click on "Checkout."</p> <p>4. Fill in valid information in the "Your Information" section (First Name, Last Name, Zip/Postal Code).</p>	Valid user information	User can proceed to the next step after filling in information, but the process is slow.	Checkout process completed with slow performance.	Pass
TC04	Reset App State with Slow Performance	<p>1. Log in with performance_glitch_user credentials.</p> <p>2. Navigate to the</p>	-	There should be no response or change in the application state, but the	No response observed with slow performance.	Pass

		<p>checkout page.</p> <p>3. Look for the "Reset App State" option.</p> <p>4. Click on the "Reset App State" option.</p>		<p>website is slow to respond.</p>		
TC05	Logout with performance_glitch_user	<p>1. Log in with performance_glitch_user credentials.</p> <p>2. Click on the "Logout" button.</p>	-	<p>User is logged out, redirected to the login page.</p>	<p>User successfully logged out.</p>	<p>Pass</p>

5. Test Execution and Reporting

- Test cases will be executed by the QA team.
- Test results, including any defects found, will be documented, and reported.