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

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

Table 2:Unit Tests for standard_user Cart and Wishlist Management

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

UI04	Verify removing from Wishlist	and select one. 3. Click on the "Add to Wishlist" button. 1.Login with standard_user credentials. 2.Navigate to wishlists page Click	Click on the "Delete" cross button	Product removed from the Wishlist	Product successfully removed from the Wishlist.	Pass
		on the "Delete" cross button				
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	Test	Test Steps	Test	Expected	Actual	Test
ID	scenario		Data	Output	Output	Result
UI01	Category sorting Name A-Z	1.Log in with the standard_user credentials. 2. Navigate to the	-	Products are displayed in alphabetical order (A-Z).	Products sorted correctly.	Pass
		categories section and select "Name A-Z" sorting.				
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	1.Log in with	-	Products	Products	Pass
	sorting Price	standard_user		are displayed	sorted	
	Low to High	credentials.		in ascending	correctly.	
		2. Navigate to		order of price.		
		the categories				
		section and				
		select "Price				
		Low to				
		High" sorting.				
UI04	Category	1. Log in with	-	Products are	Products	Pass
	sorting Price	standard_user		displayed in	sorted	
	High to Low	credentials.		descending	correctly.	
		2. Navigate to		order of price.		
		the categories				
		section and				
		select "Price				
		High to Low"				
		sorting.				

Table 4:Unit Tests for product detail (standard_user)

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

Table 5:System Tests for product (standard_user)

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

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

Table 6:Swag Labs Website for locked_out_user

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

Table 7:Swag Labs Website for problem_user

Test	Test	Test Steps	Test Data	Expected	Actual	Test
ID	Scenario			Output	Output	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 successfu lly.	User successfu lly 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

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

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

TC12	Logout	Click on the	-	Should	Logged	Pass
	functiona	logout button		be logged	out and	
	lity			out and	redirecte	
				redirecte	d to login	
				d to the	page	
				login		
				page		

Table 8:Swag Labs Website for performance_glitch_user

Test	Test	Test Steps	Test Data	Expected	Actual	Test
ID	Scenario			Output	Output	Resu
						lt
TC0 1	Login with performan ce_glitch_ user (Slow Performan ce)	1. Open the Swag Labs website. 2. Enter username as "performance_gli tch_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
TC0 2	Add Product to Cart with Slow Performan ce	1. Log in with performance_glit ch_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.				
TC0 3	Checkout with Slow Performan ce	1. Log in with performance_glit ch_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	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
		Code).				
TC0	Reset App	1.Log in with	-	There should	No response	Pass
4	State with	performance_glit		be no	observed with	
	Slow	ch_user		response or	slow	
	Performan	credentials.		change in the	performance.	
	ce	2. Navigate to the		application state, but the		

		checkout page. 3. Look for the "Reset App State" option. 4. Click on the "Reset App State" option.	website is slow to respond.		
TC0 5	Logout with performan ce_glitch_ user	1. Log in with performance_glit ch_user credentials. 2. Click on the "Logout" button.	User is logged out, redirected to the login page.	User successfully logged out.	Pass

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.