

Software Test Report of Swag Labs Demo Website		
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1 Overview of Tests Results

1.1 Tests log

The Swag Labs Demo Website was tested on the webdriverIO (Windows11: chrome) test platform located in local machine Ryzen 5 3500U, from the 2024/10/27 to the 2024/11/02. The tests of the test phase were executed.

Testers where:

- Mahir Shadid

1.2 Rationale for decision

After executing a test, the decision is defined according to the following rules:

- **PASSED:** The test sheet is set to "PASSED" state when all steps are in "Passed" state. The real result is compliant to the expected result.
- **FAILED:** The test sheet is set to "FAILED" state when one of the steps of the test are set to "Failed" state or when the result of a step differs from the expected result.

1.3 Overall assessment of tests

Give a qualitative overall assessment of tests.

Example:

- Almost all the tests passed if the user is careful about surfing the website, otherwise there are some bugs.

Give quantitative results.

Statistics about tests:

- 90.1% of tests PASSED,
- 8.9% of tests FAILED.

Give also statistics about bugs:

- Total number 3.
- Number of Critical 0.
- Number of Major 1.
- Number of minor 2.

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2 Detailed Tests Results

For each executed test, this document contains:

- Test Suite;
- Test cases;
- Test decision;

2.1 Login with locked_out_user (Q1):

Test case	Inputs	Result	Exp. result	Decision
Should Insert the login Info for Login	username: 'locked_out_user', password: 'secret_sauce'			PASSED
Should verify the error message		Sorry, this user has been locked out.	Sorry, this user has been locked out.	

2.2 Login with standard user and perform actions (Q2):

Test case	Inputs	Result	Exp. result	Decision
Should show inventory page after successful login	username: 'standard_user', password: 'secret_sauce',	Redirected to https://www.saucedemo.com/inventory.html	Redirect to https://www.saucedemo.com/inventory.html	PASSED
Should open hamburger menu and reset app state	KEY			
Should add any 3 items from the inventory	Randomly selected 3 items from inventory			
Should navigate to cart	KEY			
Should insert checkout info	firstname: 'mahir', lastname: 'shadid', postcode: '4203'	Redirected to https://www.saucedemo.com/checkout-step-two.html	Redirect to https://www.saucedemo.com/checkout-step-two.html	
Should verify the selected items		Randomly selected 3 items from inventory	Exactly the same randomly selected 3 items from inventory	
Should verify total price		Randomly selected 3 item's total	Randomly selected 3 item's total	

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		price including tax	price including tax	
Should finish the purchase journey	KEY			
Should verify the purchase		Thank you for your order!	Thank you for your order!	
Should reset the App and Log Out	KEY			

2.3 Login with glitched user and perform actions (Q3):

Test case	Inputs	Result	Exp. result	Decision
Should show inventory page after successful login	username: 'performance_glitch_user', password: 'secret_sauce'	Redirected to https://www.saucedemo.com/inventory.html	Redirect to https://www.saucedemo.com/inventory.html	PASSED
Should open hamburger menu and reset app state	KEY			
Should select a filter option	ZtoA: 'za'	Test.allTheThings() T-Shirt (Red)	Test.allTheThings() T-Shirt (Red)	
Should add the first product into the cart	Test.allTheThings() T-Shirt (Red)			
Should navigate to cart	KEY			
Should insert checkout info	firstname: 'mahir', lastname: 'shadid', postcode: '4203'	Redirected to https://www.saucedemo.com/checkout-step-two.html	Redirect to https://www.saucedemo.com/checkout-step-two.html	
Should verify the selected items		Test.allTheThings() T-Shirt (Red)	Test.allTheThings() T-Shirt (Red)	
Should verify total price		\$17.27	\$17.27	
Should finish the purchase journey	KEY			
Should verify the purchase		Thank you for your order!	Thank you for your order!	
Should reset the App and Log Out	KEY			

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2.4 Negative Testing: Handling empty cart checkout:

Test case	Inputs	Result	Exp. result	Decision
Should login to user profile	username: 'standard_user', password: 'secret_sauce',	Redirected to https://www.saucedemo.com/inventory.html	Redirect to https://www.saucedemo.com/inventory.html	FAILED
Should insert checkout info after cart page without selecting any item	firstname: 'mahir', lastname: 'shadid', postcode: '4203'	Redirected to https://www.saucedemo.com/checkout-step-two.html	Redirect to https://www.saucedemo.com/checkout-step-two.html	
Should show error when checking out empty cart	KEY	Thank you for your order!	Error	

2.5 Negative Testing: Boundary values and edge case handling on checkout info page

Test case	Inputs	Result	Exp. result	Decision
Should navigate to checkout page after login and selecting an item	username: 'standard_user', password: 'secret_sauce',	Redirected to https://www.saucedemo.com/inventory.html	Redirect to https://www.saucedemo.com/inventory.html	FAILED
Should handle empty fields	firstname: '', lastname: 'shadid', postcode: '4203'	First name is required.	First name is required.	
Should handle data type flipped fields	firstname: 2142, lastname: 1233, postcode: 'mahir'	Redirected to https://www.saucedemo.com/checkout-step-two.html	Error	
Should handle white-space case fields	firstname: 'ma hi r', lastname: 'sh ad id', postcode: '4 2 0 3'	Redirected to https://www.saucedemo.com/checkout-step-two.html	Error	

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2.6 Negative Testing: Boundary values and edge case handling on login page

Test case	Inputs	Result	Exp. result	Decision
Should handle empty fields	username: '', password: 'secret_sauce',	Username is required	Username is required	PASSED
Should handle case-sensitive fields	username: 'Standard_user', password: 'secreT_saucE',	Username and password do not match any user in this service	Username and password do not match any user in this service	
Should handle white-space case fields	username: ' stan da r d_user', password: 'secr et_sau c e',	Username and password do not match any user in this service	Username and password do not match any user in this service	