

Test Function Document

Project Name: Task 1	
Automation Title:	Version: 1
Testing Phase: Unit testing	Date of Test: 28/11/24
Module Name: Online Shopping Cart	

Function Title: login , logout				Test Designed by: Mahwish Qadir		
Test Priority (Low/Medium/High):				Test Designed Date: 25/11/24		
Description: Testcases for login and logout functionality				Test Executed by: Mahwish		
				Test Execution date: 28/11/24		
S. No	Equivalence Class	Test case data	Expected Results	Actual Results	Status (Pass/Fail)	Notes
1	Valid Passwords	ValidP@ss123	true	true	pass	Meet all requirements
		AnotherValid1@	True	True	pass	Meet all password requirements
		MyValidPass123\$	True	True	Pass	Meet all requirements
		P@ssw0rd1234	True	True	Pass	Meet all requirements
		SecureP@ssw0rd!	True	True	Pass	Meet all password requirements
		V@lidPassword999	True	True	Pass	Met requirements
		Str0ngPassword!23	True	True	Pass	Met Requirement
	Invalid Passwords	short	False	False	pass	Short length less than 8
		password	false	False	pass	No uppercase and no digit/no special character
		PASSWORD	false	false	pass	No lower case
		@1234	false	false	pass	Missing uppercase and lowercase letters/short length

		password!!	False	False	pass	Missing uppercase and digits
		!@#\$\$%^&*	False	False	Pass	Only special characters, no letters or digits
		Password1234	False	False	pass	No special character
		1234567	False	False	Pass	Too short (7 characters),no letters , no special character
		12345678	False	False	Pass	No lowercase or special character
		Validpass123	False	False	Pass	No special character
2	Valid username	Mahwishabc	Login successful	Login successful	Pass	Username exists,, and password is correct.
		mahwish96	Login successful(case insensistive)	Login successful	Pass	Username is case-insensitive, password is correct.
		‘ mahwish ‘	Successfully logs in (leading/trailing spaces trimmed)	Login successful	Pass	Username has spaces, but they are trimmed before login.
	Invalid username	'!@#\$\$%^&*'	Should fail login	Login failed	Passed	Username contains invalid special characters.
		'doesnotexist'	Should fail login	Login failed	passed	Username does not exist in the mock data.
		1234	Should fail login	Login failed	passed	Username is an integer, invalid type.
		3.14	Should fail login	Login failed	passed	Username is a float, invalid type
		None	Should fail login (invalid type)	Login failed	passed	Username is None, invalid type.

		''	Should fail login (empty string)	Login failed	Passed	Username is an empty string, invalid input.
		' '	Should fail login (only whitespace)	Login failed	Passed	Username is just whitespace, invalid input.
	Valid User Registration	username = 'newuser', password = 'ValidPassword123!'	Successfully registers the user, saves data, and sets wallet balance to 0.0	Successful registration	Passed	The new user is added to the mock_save data, and wallet balance is 0.0.
	LOGOUT FUNCTION					
	EMPTY CART	Empty cart, user confirms ('y')	True	true	pass	Verifies that the user logs out with an empty cart
		Empty cart, user declines ('n')	False	False	pass	Verifies that the user does not log out with an empty cart if declined
	Non-empty cart	Non-empty cart, user confirms ('y')	true	true	pass	Verifies that the user logs out with a non-empty cart if confirmed
		Non-empty cart, user declines ('n')	false	false	pass	Verifies that the user does not log out with a non-empty cart if declined