

Name:-Abhishek Bhise						
CLASS:- BE-B ROLL NO:-49						
PRACTICAL:-Write TEST CASES for Gmail Login Page						
Module Name	TEST Scenario ID	TEST Scenario Name	#of Test Cases			
Gmail Login Module	T1	Valid Login Functionality	5			
Gmail Login Module	T2	Invalid Email Address Handling	5			
Gmail Login Module	T3	Email Format Validation	5			
Gmail Login Module	T4	Empty Fields Submission	5			
Gmail Login Module	T5	Invalid Password Handling	5			
Gmail Login Module	T6	Invalid Email Address Handling	5			
Gmail Login Module	T7	Verify the Forget Option	5			
Gmail Login Module	T8	Verify Password Checkbox	5			
TEST Scenario ID	TEST Scenario Name	#of Test Cases				
T1	Valid Login Functionality	5				
CREATED BY	ABHISHEK BHISE					
REVIEWED BY						
REVIEWED DATE						
PRIORITY	HIGH					
PRE-REQUISITES	Browser Must support the site.					
DESCRIPTION	Verify that a user can successfully log in using valid credentials.					
EXECUTED BY						
EXECUTED DATE						
Test Case ID	Description	Precondition	Test Step	Expected Result	Actual Result	Status
TC-001	Successful Login with Valid Credentials	User has a registered Gmail account.	1-Navigate to the Gmail login page. 2-Enter a valid email address. 3-Click "Next." 4-Enter the corresponding valid password. 5-Click "Next."	User is redirected to the Gmail inbox.	User is logged into their Gmail account.	Pass

TC-002	Verify that selecting the "Stay signed in" option keeps the user logged in for subsequent visits.	User has a registered Gmail account	1.Navigate to the Gmail login page. 2.Enter a valid email address. 3.Click "Next." 4.Enter the corresponding valid password. 5.Check the "Stay signed in" checkbox. 6.Click "Next." 7.Close the browser and reopen it.	User is still logged in upon reopening the browser.	User remains on the login page.	Pass
TC-003	Verify that the login functionality works across different web browsers.	User has a registered Gmail account	1. Open the Gmail login page in Chrome. 2.Enter valid email and password, and log in. 3.Log out of the account. 4.Repeat steps 1-2 in Firefox, Safari, and Edge	User successfully logs in to their Gmail account in all browsers.	User login successfully on different browser	pass
TC-004	Verify that users with 2-step verification can log in successfully.	User has a registered Gmail account with 2-step verification enabled.	1.Navigate to the Gmail login page. 2.Enter a valid email address. 3.Click "Next." 4.Enter the valid password.	User is redirected to the Gmail inbox after successful verification.	User remains on the login page.	pass
TC-005	Verify that a user can log in using an alternate email address linked to the account.	User has multiple email addresses linked to the same Gmail account.	1.Navigate to the Gmail login page. 2.Enter an alternate email address linked to the account. 3.Click "Next." 4.Enter the corresponding valid password. 5.Click "Next."	User is redirected to the Gmail inbox	User remains on the same page.	Required Email/ Password message is displayed
Test Scenario ID	Test Scenario Name	#of Test Cases				
T2	Invalid Email Address Handling	5				
CREATED BY	Abhishek Bhise					
REVIEWD BY						
REVIEWD DATE						
PRIORITY	Moderate					
PRE-REQESITIES	Browser Must support the site.					
DESCRIPTION	Login Attempt with Non-Existent Email Address					
EXECUTED BY	Abhishek Bhise					
EXECUTED DATE	8/20/2024					
Test Case ID	Description	Precondition	Test Step	Expected Result	Actual Result	Status

TC-01	Verify that an appropriate error message is displayed when a non-existent email address is entered.	User is on the Gmail login page.	1.Enter a non-existent email address (e.g., "nonexistentuser@gmail.com"). 2.Click "Next."	An error message is displayed stating that the email address is not recognized.	INVALID EMAIL message displayed	pass
TC-02	Verify that the system handles incorrectly formatted email addresses.	User is on the Gmail login page.	1.Enter an email address with an invalid format (e.g., "invalidemail@"). 2.Click "Next."	An error message is displayed indicating that the email format is invalid.	message displayed	pass
TC-03	Verify that an error message is shown when the email address lacks a domain	User is on the Gmail login page.	1.Enter an email address without a domain (e.g., "user@"). 2.Click "Next."	An error message is displayed stating that the email address is incomplete.	message displayed	pass
TC-04	Verify that the system handles email addresses with invalid special characters.	User is on the Gmail login page.	1.Enter an email address with invalid characters (e.g., "user!@gmail.com"). 2.Click "Next."	An error message is displayed indicating that the email address is not valid.	invalid email	pass
TC-05	Verify that the system prompts the user when the email field is left empty.	User is on the Gmail login page.	1.Leave the email field empty. 2.Click "Next."	An error message is displayed indicating that the email field is required.	displayed	pass
Test Scenario ID	Test Scenario Name	#of Test Cases				
T3		5				
CREATED BY	Abhishek Bhise					
REVIEWD BY						
REVIEWD DATE						
PRIORITY	High					
PRE-REQESITIES	Browser Must support the site.					
DESCRIPTION	Email Format Validation					
EXECUTED BY	Abhishek Bhise					
EXECUTED DATE	8/20/2024					
Test Case ID	Description	Precondition	Test Step	Expected Result	Actual Result	Status

TC-001			1. Enter user@example.com in the email field. 2. Click "Next".	Email is accepted, proceed to password entry.	successfully email field is filled	
	Valid Email Format	User is on the login page				pass
TC-002			1. Enter userexample.com in the email field. 2. Click "Next".	Error message: "Please enter a valid email address."	Error message displayed	
	Missing "@" Symbol	User is on the login page				pass
TC-003			1. Enter user@.com in the email field. 2. Click "Next".	Error message: "Please enter a valid email address."	Entered invalid email	
	Invalid Domain Format	User is on the login page				fail
TC-004			1. Leave the email field blank. 2. Click "Next".	Error message: "Enter an email or phone number."	message displayed	
	Empty Email Field	User is on the login page				pass
TC-005			1. Enter user name@example.com in the email field. 2. Click "Next".	Error message: "Please enter a valid email address."	message displayed	
	Email with Spaces	User is on the login page				pass
Test Scenario ID	Test Scenario Name	#of test cases				
T4		5				
CREATED BY	Abhishek Bhise					
REVIEWD BY						
REVIEWD DATE						
PRIORITY	High					
PRE-REQSITIES	Browser Must support the site.					
DESCRIPTION	Invalid Password Handling					
EXECUTED BY	Abhishek Bhise					
EXECUTED DATE	8/20/2024					
Test Case ID	Description	Precondition	Test Step	Expected Result	Actual Result	Status
TC-001	Incorrect Password	User is on the login page	1. Enter a valid email (user@example.com). 2. Enter an incorrect password. 3. Click "Next".	Error message: "Wrong password. Try again or click 'Forgot password'."	Message displayed	pass

TC-002	Password Too Short	User is on the login page	1. Enter a valid email (user@example.com). 2. Enter a password with fewer than 8 characters. 3. Click "Next".	Error message: "Your password must be at least 8 characters."	Password must contain 8 or more digits	pass
TC-003	Password Field Left Blank	User is on the login page	1. Enter a valid email (user@example.com). 2. Leave the password field blank. 3. Click "Next".	Error message: "Enter your password."	Invalid password message displayed	pass
TC-004	Incorrect Password Format	User is on the login page	1. Enter a valid email (user@example.com). 2. Enter a password with invalid characters (e.g., special characters not allowed). 3. Click "Next".	Error message: "Wrong password. Try again or click 'Forgot password'."	Wrong password	pass
TC-005	Password with Spaces	User is on the login page	1. Enter a valid email (user@example.com). 2. Enter a password with leading/trailing spaces. 3. Click "Next".	Error message: "Wrong password. Try again or click 'Forgot password'."	Password does not match message displayed	pass
Test Scenario ID	Test Scenario Name	#of test cases				
T5		5				
CREATED BY	Abhishek Bhise					
REVIEWD BY						
REVIEWD DATE						
PRIORITY	Moderate					
PRE-REQUISITES	Browser Must support the site.					
DESCRIPTION	Verify the Forget Option					
EXECUTED BY	Abhishek Bhise					
EXECUTED DATE	8/20/2024					
Test Case ID	Description	Precondition	Test Step	Expected Result	Actual Result	Status
TC-001	Click "Forgot password?" link	User is on the login page	1. Open the Gmail login page. 2. Click on the "Forgot password?" link.	Redirected to password recovery page.	Password recovered	Pass

TC-002	Enter Valid Email for Password Recovery	User is on the recovery page	1. Click "Forgot password?" link. 2. Enter a valid email address. 3. Click "Next".	Prompt for the next recovery step (e.g., send code).	redirected to recovery page	Pass
TC-003	Enter Invalid Email for Password Recovery	User is on the recovery page	1. Click "Forgot password?" link. 2. Enter an invalid email address. 3. Click "Next".	Error message: "No account found with that email."	Account is there but still error message is displayed	fail
TC-004	Recover Password Using SMS Verification	User is on the recovery page	1. Click "Forgot password?" link. 2. Enter a valid email. 3. Select SMS as recovery option. 4. Click "Next".	SMS sent to the registered phone number.	SMS received	pass
TC-005	Recover Password Using Email Verification	User is on the recovery page	1. Click "Forgot password?" link. 2. Enter a valid email. 3. Select email as recovery option. 4. Click "Next".	Email sent to the registered email address.	Email received on registered Email	pass