

1. Manual Testing Scenario

- I have created a Test Case document to cover the functionalities of the user registration page. While writing the test cases, I made several assumptions to ensure proper validation and functionality.
- All Fields Are Mandatory: It is assumed that the first name, last name, email, and password fields are required for successful registration.
- Valid Data Input:
 - First Name and Last Name: These fields should only accept alphabetic characters and should not allow special characters or numbers.
 - Email: The email field must follow a valid email format
 - Password: The password field should allow alphanumeric characters, have a minimum length requirement, and may also require special characters.
 - Error Messaging: I assume that appropriate error messages will be displayed for each mandatory field when incorrect or missing data is provided.
- Form Submission: The form should not allow submission if any required fields are empty or contain invalid data.

Test Case ID	Scenario	Pre Condition	Test Steps	Test Data	Expected Result	Actual Result	Pass/Fail	Tester	Comment
TC_REG_01	Verify Successful Form Submission with Valid Data	Registration page is open, all fields are displayed	1. Enter valid data in the First Name field 2. Enter valid data in the Last Name field 3. Enter a valid email address 4. Enter a valid password 5. Click on the Submit button	First Name: John Last Name: Perera Email: johnp@gmail.com Password: Pass1234	The form is submitted successfully, and the user is registered. Display a Popup message that saying "Registered Succesfully"			Pabasara	
TC_REG_02	Verify Prevention of Form Submission with Missing Fields	Registration page is open, all fields are displayed	1. Leave one or more mandatory fields empty 2. Click on the Submit button	First Name: John Last Name: Perera Email: <blank> Password: Pass1234	Form submission is blocked, and an error message is displayed indicating missing mandatory fields.			Pabasara	
TC_REG_03	Verify Error Messages for Each Missing Mandatory Field	Registration page is open, all fields are displayed	1. Leave the First Name field blank 2. Click Submit	First Name: <blank> Last Name: Perera Email: johnp@gmail.com Password: Pass1234	Form submission is blocked, and an error message is displayed indicating missing mandatory fields.			Pabasara	
			1. Leave the Last Name field blank 2. Click Submit	First Name: John Last Name: <blank> Email: johnp@gmail.com Password: Pass1234	Form submission is blocked, and an error message is displayed indicating missing mandatory fields.			Pabasara	
			1. Leave the email field blank 2. Click Submit	First Name: John Last Name: Perera Email: <blank> Password: Pass1234	Form submission is blocked, and an error message is displayed indicating missing mandatory fields.			Pabasara	
			1. Leave the password field blank 2. Click Submit	First Name: John Last Name: Perera Email: johnp@gmail.com Password: <blank>	Form submission is blocked, and an error message is displayed indicating missing mandatory fields.			Pabasara	
TC_REG_04	Verify First Name Field Accepts Valid Input	Registration page is open, First Name field is empty and other fields are filled	1. Enter a valid First Name 2. Submit the form	First Name: John	The form accepts the valid First Name.			Pabasara	
TC_REG_05	Verify First Name Field Does Not Accept Special Characters or Numbers	Registration page is open, First Name field is empty and other fields are filled	1. Enter invalid First Name with special characters 2. Submit the form	First Name: John@	The form rejects the input and displays an error message.			Pabasara	
			1. Enter invalid First Name with numbers 2. Submit the form	First Name: John123	The form rejects the input and displays an error message.			Pabasara	
TC_REG_06	Verify Last Name Field Accepts Valid Input	Registration page is open, Last Name field is empty, other fields are empty.	1. Enter a valid Last Name 2. Submit the form	Last Name: Perera	The form accepts the valid Last Name.			Pabasara	

TC_REG_07	Verify Last Name Field Does Not Accept Special Characters or Numbers	Registration page is open, Last Name field is empty and other fields are filled	1. Enter an invalid Last Name with special characters 2. Submit the form	Last Name: Perera@	The form rejects the input and displays an error message.			Pabasara	
			1. Enter an invalid Last Name with numbers 2. Submit the form	Last Name: Perera123	The form rejects the input and displays an error message.			Pabasara	
TC_REG_08	Validate Email Format and Response for Invalid Emails	Registration page is open, Email field is empty and other fields are filled	1. Enter an invalid email address 2. Submit the form	1. johnp.com 2. john@@p.com 3. john.p@ 4. @gmail.com 5. john p@gmail.com 6. john.p@gmail 7. john.p@gm!ail.com	The form rejects the invalid email and displays an error message.			Pabasara	
TC_REG_09	Prevent Multiple Registrations with the Same Email	Registration page is open	1. Register with an email already used 2. Submit the form	Email: johnp@gmail.com	The system prevents multiple registrations with the same email and displays an error.			Pabasara	
TC_REG_10	Verify Password Field Accepts Alphanumeric Characters and other special characters	Registration page is open, password is empty and other fields are filled	1. Enter a password containing alphanumeric and special characters 2. Submit the form	Password: Pass#1234	The form accepts the password.			Pabasara	
TC_REG_11	Verify Password Field with Minimum Length	Registration page is open, password field is empty and other fields are filled	1. Enter a password with fewer characters than the required minimum (5) 2. Submit the form	Password: P@12	The form rejects the password and displays an error message.			Pabasara	
TC_REG_12	Verify Submit Button Does Not Allow Form Submission if Required Fields Are Empty	Registration page is open, at least one required field is empty	1. Leave one or more required fields empty 2. Click Submit	First Name: John Last Name: Perera Email: <blank> Password: Pass1234	The form is not submitted, and an error message is displayed.			Pabasara	