

Project Name		Test Designed By	Maneesha De Silva
Module Name		Test Designed Date	20.09.2024
Release Version		Test Executed By	
		Test Execution Date	

Test Case Document

Test Case ID	Test Case Name	Description	Preconditions	Test Data	Test Steps	Expected Result	Actual Result	Test Status	Attachments / Screenshots	Comments
REG_01	Validate Empty Form Submission	Verify that the system shows an error message when the user tries to submit the form without filling in any fields.	User is on the registration page.	No data	1. Navigate to the registration page. 2. Click the "Submit" button without entering any data.	Error messages are displayed next to all required fields.				
REG_02	Validate Email Format	Verify that the system shows an error message when an invalid email format is entered.	User is on the registration page.	First Name: Maneesha Last Name: De Silva, Email: Mddilrukshi123@gmail.com Password: Password123	1. Navigate to the registration page. 2. Enter "Maneesha" in the "First Name" field. 3. Enter "De Silva" in the "Last Name" field. 4. Enter "Mddilrukshi123@gmail.com" in the "Email" field. 5. Enter "Password123" in the "Password" field. 6. Click the "Submit" button.	Error message is displayed indicating the email format is incorrect.				
REG_03	Validate Successful User Registration	Verify that the user can register successfully with valid inputs.	User is on the registration page, no user exists with the same email address.	First Name: Maneesha Last Name: De Silva, Email: mddilrukshi123@gmail.com Password: Password123	1. Navigate to the registration page. 2. Enter "Maneesha" in the "First Name" field. 3. Enter "De Silva" in the "Last Name" field. 4. Enter "mddilrukshi123@gmail.com" in the "Email" field. 5. Enter "Password123" in the "Password" field. 6. Click the "Submit" button.	User is successfully registered, and a confirmation message is displayed. User is redirected to the home or login page.				
REG_04	Validate Password Minimum Length Requirement	Verify that the form enforces a minimum password length	User is on the registration page.	First Name: Himasha Last Name: Gamage, Email: himashagamage@gmail.com Password: abc	1. Navigate to the registration page. 2. Enter "Himasha" in the "First Name" field. 3. Enter "Gamage" in the "Last Name" field. 4. Enter "himashagamage@gmail.com" in the "Email" field. 5. Enter "abc" in the "Password" field. 6. Click the "Submit" button.	The form should not be submitted, and an error message should be displayed indicating the minimum password length requirement.				
REG_05	Validate Password Complexity Requirement	Verify that the form enforces password complexity (e.g., at least one uppercase letter, one lowercase letter, one number).	User is on the registration page.	First Name: Nimal Last Name: Perera Email: nimalabc@gmail.com Password: 12345678	1. Navigate to the registration page. 2. Enter "Nimal" in the "First Name" field. 3. Enter "Perera" in the "Last Name" field. 4. Enter "nimalabc@gmail.com" in the "Email" field. 5. Enter "12345678" in the "Password" field. 6. Click the "Submit" button.	The form should not be submitted, and an error message should be displayed indicating the password complexity requirement.				
REG_06	Validate Duplicate Email Address	Verify that the form does not allow registration with an email that is already registered.	User is on the registration page.	First Name: Nimal Last Name: De Silva, Email: mddilrukshi123@gmail.com, Password: Password123	1. Navigate to the registration page. 2. Enter "Nimal" in the "First Name" field. 3. Enter "De Silva" in the "Last Name" field. 4. Enter "mddilrukshi123@gmail.com" in the "Email" field. 5. Enter "Nimal@123" in the "Password" field. 6. Click the "Submit" button.	The form should not be submitted, and an error message should be displayed indicating that the email is already in use.				
REG_07	Validate Registration with Special Characters in Name Fields	Verify that special characters are not allowed in the first name and last name fields.	User is on the registration page.	First Name: Kamal@ Last Name: De#DeSilva Email: kamaladesilva@gmail.com, Password: Kamal@1777	1. Navigate to the registration page. 2. Enter "Kamal@" in the "First Name" field. 3. Enter "De#DeSilva" in the "Last Name" field. 4. Enter "kamaladesilva@gmail.com" in the "Email" field. 5. Enter "Kamal@1777" in the "Password" field. 6. Click the "Submit" button.	The form should not be submitted, and an error message should be shown indicating that special characters are not allowed in name fields.				
REG_08	Validate Maximum Length of Name Fields	Verify that the first name and last name fields do not accept input longer than the maximum allowed length (e.g., 50 characters).	User is on the registration page.	First Name: enter invalid name with more than required character length Last Name: Enter valid Last Name Email: Enter valid email address Password : Enter Valid Password	1. Navigate to the registration page. 2. Enter invalid name with more than required character length 3. Enter valid Last Name 4. Enter valid email address 5. Enter Valid Password 6. Click the "Submit" button.	The form should not be submitted, and an error message should be shown indicating the maximum length limit.				
REG_09	Validate Mandatory Fields	Verify that all fields (first name, last name, email, password) are mandatory.	User is on the registration page.	First Name: Keep empty Last Name: Valid Email: valid email address Password : Valid Password	1. Leave the first name field blank. 2. Fill in other fields. 3. Click the Submit button. Repeat the steps by leaving the last name, email, and password fields blank individually.	The form should not be submitted, and appropriate error messages should be shown indicating that the respective field is required.				
REG_10	Validate Password Masking	Verify that the password field is masked (e.g., input is hidden or displayed as dots).	User is on the registration page.	First Name: Valid Last Name: Valid Email: valid email address Password : Valid Password	1. Enter a valid first name and last name. 2. Enter a password. Observation: Check whether the password input is masked.	The password should be hidden (masked) as the user types.				