

## Test Cases for User Registration Page

### Test Case – First Name field

Test case ID: TC001			
Testing Function: Functionality of first name field.			
Test Description: Checking if the First Name field accepts valid alphabetical input.			
Summary: Verify First Name field accepts valid alphabetical input.			
Pre-condition: Open/ navigate to the registration page.		Designed by: Vinuri Peiris	
Test Priority (High/Medium/Low):		Medium	
Test Severity (High/Medium/Low):		Low	
Test Steps: <ul style="list-style-type: none"><li>• Enter a valid First Name (ex: Nick).</li><li>• Click on Submit.</li></ul>			
Test Inputs: First Name : Nick			
Expected Result	Actual Result	Result (pass/fail)	Executed Time
The form should accept the First Name and proceed to the next step.	Actual result to be noted during the execution.	(pass/fail)	2minutes
Comments: Verify handling of valid alphabetic inputs in First Name field.			

## **Test Case – Last Name field**

Test case ID: TC002			
Testing Function: Functionality of Last Name field.			
Test Description: Check if the Last Name field accepts valid alphabetical input.			
Summary: Verify Last Name field accepts valid input			
Pre-condition: Open the registration page.		Designed by: Vinuri Peiris	
Test Priority (High/Medium/Low):		Medium	
Test Severity (High/Medium/Low):		Low	
Test Steps: 1. Enter a valid Last Name. (Dexter) 2. Click Submit.			
Test Inputs: Last Name: Dexter			
Expected Result	Actual Result	Result (pass/fail)	Executed Time
The form should accept the Last Name and proceed to the next step.	Actual result to be noted during execution.	(pass/fail)	2 minutes
Comments: Confirm that Last Name accepts alphabetic values.			

## **Test Case – Email field**

Test case ID: TC003			
Testing Function: Functionality of email field.			
Test Description: Ensure that the Email field only accepts input in a valid email format.			
Summary: Validate Email field accepts a valid email format			
Pre-condition: Open the registration page.		Designed by: Vinuri Peiris	
Test Priority (High/Medium/Low):		High	
Test Severity (High/Medium/Low):		Medium	
Test Steps: 1. Enter a valid email. (nick@abccompany.com) 2. Click Submit.			
Test Inputs: Email: nick@abccompany.com			
Expected Result	Actual Result	Result (pass/fail)	Executed Time
The system should accept the email format and proceed to the next step.	Actual result to be noted during execution.	(pass/fail)	3 minutes
Comments: Common valid email format validation test.			

## **Test Case – Email field**

Test case ID: TC004			
Testing Function: Functionality of email field.			
Test Description: Ensure that the Email field rejects an invalid email format.			
Summary: Validation of Email field rejects an invalid email			
Pre-condition: Open the registration page.		Designed by: Vinuri Peiris	
Test Priority (High/Medium/Low):		High	
Test Severity (High/Medium/Low):		High	
Test Steps: 1. Enter an invalid email. (nick.abccompany.com) 2. Click Submit.			
Test Inputs: Email: nick.abccompany.com			
Expected Result	Actual Result	Result (pass/fail)	Executed Time
An error message should appear indicating that the email format is invalid.	Actual result to be noted during execution.	(pass/fail)	4 minutes
Comments: Test invalid email without "@" symbol.			

## **Test Case – Password field**

Test case ID: TC005			
Testing Function: Functionality of password field.			
Test Description: Check if the Password field requires strong passwords with a minimum length of 8 characters, including letters and numbers.			
Summary: Validate Password strength			
Pre-condition: Open the registration page.		Designed by: Vinuri Peiris	
Test Priority (High/Medium/Low):		High	
Test Severity (High/Medium/Low):		High	
Test Steps: 1. Enter a weak password. (abc) 2. Click Submit.			
Test Inputs: Password: abc			
Expected Result	Actual Result	Result (pass/fail)	Executed Time
An error message should appear indicating that the password is too weak.	Actual result to be noted during execution.	(pass/fail)	3 minutes
Comments: Verify that short passwords are not accepted.			

## **Test Case – Entire submission**

Test case ID: TC006			
Testing Function: Functionality of entire submission.			
Test Description: Test the entire form submission with valid data.			
Summary: Validate successful registration with valid inputs			
Pre-condition: Open the registration page.		Designed by: Vinuri Peiris	
Test Priority (High/Medium/Low):		High	
Test Severity (High/Medium/Low):		High	
Test Steps: 1. Enter valid First Name, Last Name, Email, and Password. 2. Click Submit.			
Test Inputs: First Name: (Nick), Last Name:( Dexter), Email: nick@abccompany.com, Password: passvalid123			
Expected Result	Actual Result	Result (pass/fail)	Executed Time
The user should be successfully registered, and a confirmation message should appear.	Actual result to be noted during execution.	(pass/fail)	6 minutes
Comments: Complete form with valid data and verify success.			

## **Test Case – Displaying relevant error messages for empty fields.**

Test case ID: TC007			
Testing Function: Functionality of displaying error messages.			
Test Description: Verify that the form shows appropriate error messages if required fields (e.g., Email or Password) are left blank.			
Summary: Validate form error on missing fields			
Pre-condition: Open the registration page.		Designed by: Vinuri Peiris	
Test Priority (High/Medium/Low):		High	
Test Severity (High/Medium/Low):		High	
Test Steps: 1. Leave the Email or Password field empty. 2. Click Submit.			
Test Inputs: Email (empty)			
Expected Result	Actual Result	Result (pass/fail)	Executed Time
Error messages should appear for the empty required fields.	Actual result to be noted during execution.	(pass/fail)	5 minutes
Comments: Ensure required fields prompt error messages.			

## **Test Case – Displaying relevant error messages for incorrect inputs.**

Test case ID: TC008			
Testing Function: Functionality of handling special characters.			
Test Description: Test the form with special characters in the Name fields to check validation.			
Summary: Verify form handling of special characters			
Pre-condition: Open the registration page.		Designed by: Vinuri Peiris	
Test Priority (High/Medium/Low):		Medium	
Test Severity (High/Medium/Low):		Medium	
Test Steps: 1. Enter special characters in the First Name field. 2. Click Submit.			
Test Inputs: First Name( Nick@!)			
Expected Result	Actual Result	Result (pass/fail)	Executed Time
The form should not accept special characters and should display an error message.	Actual result to be noted during execution.	(pass/fail)	5 minutes
Comments: Special characters should be rejected.			



## **Test Case – Password Length**

Test case ID: TC009			
Testing Function: Functionality of password regarding the length of it.			
Test Description: Ensure that the Password field enforces a minimum character length (e.g., 10 characters).			
Summary: Validate minimum character length for Password field			
Pre-condition: Open the registration page.		Designed by: Vinuri Peiris	
Test Priority (High/Medium/Low):		High	
Test Severity (High/Medium/Low):		High	
Test Steps: 1. Enter a password with less than 10 characters. 2. Click Submit.			
Test Inputs: Password: abc456			
Expected Result	Actual Result	Result (pass/fail)	Executed Time
An error message should indicate that the password is too short.	Actual result to be noted during execution.	(pass/fail)	4 minutes
Comments: Checking of Password length which are lesser than 10 characters.			

*-END OF QUESTION 01-*