Flowkl Blog | Test Plan

V 1.0

1. Introduction

This document outlines the various test scenarios where the User can test and assess if the Registration feature of Flowkl is properly working as per business requirements.

2. Objective

To verify the functionality of Flowkl blog, tests should focus on registration feature to guarantee all fields are properly working.

3. Scope

All the fields and its functionality under registration feature including email verification. Other functionalities beyond registration feature are out of scope.

4. Test Cases

4.1 User interface

Test Case	Checking of User Interface
Test ID	Reg-UI-001
Test Technique	Manual
Test Description	Check all the buttons and text box if properly in place and texts are readable
Test Inputs	N/A
Test Method	Click all visible buttons and text box. Input name, email and password
Test Environment/Tool	Google chrome v94.0
Expected Result	Can input data in text box, buttons are enabled.
Actual Result	
Test Result	
Remarks	

4.2 Name

Test Case	Positive case: Enter a name with "-" or " ' "
Test ID	Reg-Name-001
Test Technique	Manual / Automated
Test Description	Check if the system will accept special characters in name field.
Test Inputs	Name: test-test or test's Email address: test1@gmail.com Password: password1234

	Confirm password: password1234
Test Method	1. Input valid name with "-"or " ' ", email and password. 2. Click Register button.
Test Environment/Tool	Google chrome v94.0
Expected Result	Registration is successful and redirected to homepage.
Actual Result	
Test Result	
Remarks	

4.3 Email

Test Case	Negative case: Checking of fields with invalid email
Test ID	Reg-email-001
Test Technique	Manual / Automated
Test Description	Check registration result when entered invalid email.
Test Inputs	Name: test Email address: test@qwe.com Password: password1234567 Confirm Password: password1234567
Test Method	1. Input valid name, invalid email address and password. 2. Click Register button.
Test Environment/Tool	Google chrome v94.0
Expected Result	Registration is unsuccessful.
Actual Result	
Test Result	
Remarks	

Test Case	Negative case: Enter used email
Test ID	Reg-email-002
Test Technique	Manual / Automated
Test Description	Check if the system will accept used email
Test Inputs	Name: test Email address: test@gmail.com (or any used email) Password: password1234 Confirm password: password1234
Test Method	1. Input valid name, used email and password. 2. Click Register button.
Test Environment/Tool	Google chrome v94.0
Expected Result	Registration is unsuccessful. An error message must appear. (e.g. "This email has already been used")
Actual Result	
Test Result	
Remarks	

Test Case	Positive case: Email verification
Test ID	Reg-email-003
Test Technique	Manual
Test Description	Check if the user will receive an email for account verification
Test Inputs	Name: 1234 Email address: test1@gmail.com Password: password1234 Confirm password: password1234
Test Method	1. Input valid name, used email and password. 2. Click Register button. 3. Check if email received for account verification.
Test Environment/Tool	Google chrome v94.0
Expected Result	Registration is successful. An email will be received containing link for account verification.
Actual Result	
Test Result	
Remarks	

4.4 Password

Test Case	Negative case: Password confirmation unmatched
Test ID	Reg-pw-001
Test Technique	Manual / Automated
Test Description	Check result of registration when password is unmatched
Test Inputs	Name: test Email address: test@gmail.com Password: password1234567 Confirm Password: password
Test Method	1. Input valid name, invalid email address, password and unmatched password. 2. Click Register button.
Test Environment/Tool	Google chrome v94.0
Expected Result	Registration is unsuccessful. A warning message should appear (e.g."The password does not match.")
Actual Result	
Test Result	
Remarks	

Test Case	Negative case: Password length is less than 8 characters
Test ID	Reg-pw-002
Test Technique	Manual / Automated
Test Description	Check result of registration when password is less than 8 characters.
Test Inputs	Name: test Email address: test@gmail.com Password: 1234

	Confirm Password: 1234
Test Method	1. Input valid name, valid email address and password 2. Click Register button.
Test Environment/Tool	Google chrome v94.0
Expected Result	Registration is unsuccessful. A warning message should appear (e.g "The password must be at least 8 characters.")
Actual Result	
Test Result	
Remarks	

Test Case	Positive case: Password length is greater than 8 characters
Test ID	Reg-pw-003
Test Technique	Manual / Automated
Test Description	Check result of registration when password is greater than 8 characters.
Test Inputs	Name: test Email address: test@gmail.com Password: password1234 Confirm Password: password1234
Test Method	1. Input valid name, valid email address and password 2. Click Register button.
Test Environment/Tool	Google chrome v94.0
Expected Result	Registration is successful and redirected to homepage
Actual Result	
Test Result	
Remarks	

Test Case	Positive case: Password encryption
Test ID	Reg-pw-004
Test Technique	Manual
Test Description	Check if entered password is in encrypted form.
Test Inputs	Name: test Email address: test@gmail.com Password: password1234 Confirm Password: password1234
Test Method	1. Input valid name, valid email address and password 2. Click Register button.
Test Environment/Tool	Google chrome v94.0
Expected Result	Entered password is encrypted. (********)
Actual Result	
Test Result	
Remarks	

Test Case	Negative case: Space as entered password
Test ID	Reg-pw-005
Test Technique	Manual / Automated
Test Description	Check if fields accept space as input data
Test Inputs	Name: test Email address: test@gmail.com Password: [8 spaces] Confirm password: [8 spaces]
Test Method	1. Input [spaces] in password field and enter valid name and valid email. 2. Click Register button.
Test Environment/Tool	Google chrome v94.0
Expected Result	Registration is unsuccessful.
Actual Result	
Test Result	
Remarks	

4.5 All fields

Test Case	Positive case: Checking of fields with valid data
Test ID	Reg-all-001
Test Technique	Manual / Automated
Test Description	Check if can input data in text fields for name, email, password and confirm password. Check the registration result.
Test Inputs	Name: test Email address: test@gmail.com Password: password1234567 Confirm Password: password1234567
Test Method	1. Input valid name, email address and password. 2. Click Register button.
Test Environment/Tool	Google chrome v94.0
Expected Result	Can input data in text box. Registration is successful and redirected to homepage
Actual Result	
Test Result	
Remarks	

Test Case	Negative case: Checking of fields without input
Test ID	Reg-all-002
Test Technique	Manual / Automated
Test Description	Check result of registration without input data
Test Inputs	N/A
Test Method	1. Click Register button.
Test Environment/Tool	Google chrome v94.0
Expected Result	Registration is unsuccessful. A warning message should appear

	(e.g. "Please fill out this field".)
Actual Result	
Test Result	
Remarks	

Test Case	Negative case: Space as input data in all fields
Test ID	Reg-all-003
Test Technique	Manual / Automated
Test Description	Check if fields accept space as input data
Test Inputs	Name: Email address: Password: Confirm password
Test Method	1. Input [space] in name, email and password field 2. Click Register button.
Test Environment/Tool	Google chrome v94.0
Expected Result	Registration is unsuccessful.
Actual Result	
Test Result	
Remarks	

4.6 Others

Test Case	Positive case: Register button
Test ID	Reg-others-001
Test Technique	Manual / Automated
Test Description	Checking of Register button's functionality
Test Inputs	N/A
Test Method	1. Go to http://serene-fjord-57767.herokuapp.com/ 2. Click the Register button in the upper right side of the page.
Test Environment/Tool	Google chrome v94.0
Expected Result	After clicking the register button, user will be directed to the registration page.
Actual Result	
Test Result	
Remarks	

Revision History			
Date	Revision	Description	PIC
09/26/2021	1	Initial release	C.Daganzo