SOFTWARE QUALITY ASSURANCE

short lineTest Cases for Registration

## **Registration Page UI & Functionality**

## **Page Load and Field Display**

# Test that the registration page loads correctly.

* Verify that the page loads within an acceptable time frame.

# Test that all fields on the registration page are displayed correctly.

* Verify the alignment and readability of fields.

# Test that the required fields on the registration page are marked with an asterisk.

* Ensure that the asterisk is styled consistently and is clearly visible.
* **Field Validations**

# Test that the email field accepts a valid email address.

* Check that the email format is up to the standard conventions (e.g., user@example.com).

# Test that the password field accepts a password with at least 6 characters.

* Verify that the minimum length which is at least 6 characters is enforced.

# Test that the password confirmation field matches the password field.

* Ensure that the comparison is case-sensitive if required by the system.

# Test that the registration form cannot be submitted without all required fields being filled out.

* Validate that appropriate messages are displayed for each missing field.

# Test that the registration form cannot be submitted with an invalid email address.

* Validate that the email address format is checked thoroughly.

# Test that the registration form cannot be submitted with a password that is less than 6 characters.

* Verify that the system provides clear feedback about the minimum length requirement .

# Test that the registration form cannot be submitted with a password confirmation that does not match the password.

* Ensure that the system highlights the mismatch clearly.

# Test edge cases for valid email addresses, such as long domain names or internationalized domain names.

* Verify that the email field does not accept common email patterns that are often used in spam (e.g., test@fake.com).

# Test that the registration form can be successfully submitted with valid input.

* Verify that the form is correctly processed and data is saved as expected.

## **Error Message**

* Validation Errors

# Test that the registration form displays an error message when an invalid email address is entered.

* Ensure the error message is clear and specific (e.g., “Invalid email format”).

# Test that the registration form displays an error message when a password that is less than 6 characters is entered.

* Ensure the message specifies the minimum length which is less than 6 characters.

# Test that the registration form displays an error message when a password confirmation does not match the password.

* Ensure the message clearly indicates a mismatch.

# Test that the registration form displays a success message when valid input is entered and the form is successfully submitted.

* Verify the success message content and its appearance.

# Test that the registration form displays an error message when an email address that is already in use is entered.

* Ensure the message clearly indicates the email is already registered.

# Test that the registration form displays an error message when an invalid phone number is entered.

* Specify what constitutes a valid phone number (e,g., format, length).

# Test that the registration form displays an error message when an invalid date of birth is entered.

* Define what is considered an invalid date ( e.g., incorrect format).

# Test that the registration form displays an error message when an invalid address is entered.

* Clarify what makes an address invalid (e.g., format).

## **Password Requirements**

* **Password Acceptance**

# Accept customer Required Password field

* Test that the registration form accepts special characters in the password field.
* Verify that special characters are handled correctly (e.g., !@#$%^&\*()).

# Accepts numbers in the Password field

* Check that numeric characters are accepted and validated.

# Accepts upper and lower case letters in the password field.

* Ensure both cases are correctly accepted and validated.

## **Successful Registration**

* **Success Message and Redirection**

# Displays an Successful Message

* Test that the registration form displays a successful message after a successful submission.
* Verify the content and style of the success message.

# Success Message Content:

* Ensure that the success message is informative and provides the next steps (e.g., check email for verification).
* Redirect to the Login page

# Test that the registration form redirects to the login page after a successful submission.

* Verify that the redirection happens correctly and the login page loads as expected.

# Test the redirection process for successful registration to ensure it takes users to the correct login page.

* Verify that the user is not able to navigate back to the registration page using the browser's back button after successful registration.