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UI Test Scenarios for Login Page

Verify Field Validations:

- Check if the username and password input fields are present on the page and accept valid credentials.
- Check if the login is successful after changing the password.
- Test the system's behavior when entering more characters than the allowed limit for both username and password.

Verify Error Messages:

- Ensure the system validates and displays an error for an invalid email format (e.g., special characters).
- Validate the system's response to an invalid password format, triggering an error message.

Verify the “forgot Password” Functionality:

- Confirm the presence and functionality of the “*Forgot Password*” link.
- Validate that users receive a prompt or instructions on how to reset their password.
- Test the process of receiving and verifying password reset emails.
- Confirm that clicking the reset link directs users to a secure page for password reset.
- Test the system's response when entering an invalid or unregistered email for password reset.
- Confirm that users receive confirmation messages after successfully resetting their passwords.

Verify the “create an Account” Link:

- Confirm the presence and visibility of the “*Create an Account*” link on the login page.
- Validate that clicking the link directs users to the account creation page or sign-up page.
- Check if users receive appropriate prompts or guidance when attempting to create an account.
- Ensure the “*Create an Account*” link is appropriately positioned and easily noticeable.

Verify the Visibility of Elements:

- Confirm the visibility of the username and password input fields.
- Ensure the visibility and clarity of the login button.
- Verify the visibility and accessibility of the “*Remember Password*” checkbox.
- Confirm the visibility of the “*Forgot Password*” link.
- Test the visibility and clarity of error messages for incorrect login attempts.

Test cases for registration page

Email field

- Test that the email address is in correct format
- Test that the email field is in correct format
- Enter an invalid email address in the email field
- Enter email with a special character in the email field
- Enter the email address with spaces in the email address
- Leave the email field blank

Password

- Password should be minimum of 8 character long
- Atleast one uppercase letter, number, lowercase letter, special character
- Password should not be same as username
- Test the password and confirm password field match

Registration form

- Enter all valid details in the registration form and check if the user is able to register successfully
- Enter all invalid details in the registration form and check if the user is able to register successfully
- Try to register with an already existing username and check if the user is able to register successfully

Login page

- Test that the user is redirected to the login page after a successful registration

Test Cases for Login Page:

Email field

- Test that the email is present.
- The email field should accept valid email addresses.
- The email field should not accept invalid email addresses.
- The email field should display an error message when an invalid email address is entered.
- The email field should be case-insensitive.

Password

- Test that the password field is present.
- Test that the password field is masked.
- Test that a username field may allow for alphanumeric characters.
- Test that the password field may require only numbers or letters.
- Make sure that the password field is present and that it is labeled correctly.
- Test that the password field accepts input.
- Ensure that the password field masks input so that it is not visible as plain text.
- Confirm that the password field has the correct level of security by testing for minimum length and character type requirements.
- Verify that the password field does not auto-fill when using a password manager.
- Test that the password field correctly validates input when submitting the form.

Login Form

- Test that the user is able to login with the correct credentials.
- Test that the email and password fields are mandatory.
- Test that the user is redirected to the correct page after login.
- Enter all invalid details in the login form and check if the user is able to log in successfully.
- Test that the user can see a forgot password link on the login page.
- Try to log in with an already existing username and check if the user is able to log in successfully.

Error message Test that the user receives an error message if the login details are incorrect.