



Experiment – 9

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1. Aim/Overview of the practical:

Write a simple test script to validate fields of the registration page (E.g.: LinkedIn registration page).

2. Objective:

Since registration or signup functionality is a fairly common feature in most applications It requires experience and thorough knowledge of application under test in terms of all the variables & conditions involved in the environment. We provide a lot of use cases on how to write a test case.

3. Requirement Analysis:

Google Chrome, LinkedIn, Online tool

4. Hardware Requirement:

Windows/Mac OS, Computer, Window Power Supply.

1. Verify that all the required fields – username, email, password, confirm password, etc are present on the registration page.
2. Verify that on passing valid values, a user should get registered and the same should be allowed to login to the application.
3. Verify that if a user tries to register an existing username then an error message should get displayed.
4. Verify that the required/mandatory fields are marked with the ‘*’ symbol.
5. Verify that for a better user interface – dropdowns, radio buttons, checkboxes, etc fields are displayed wherever possible instead of just text boxes.
6. Verify the page has both submit and cancel/reset buttons at the end.
7. Verify that clicking submits button after entering all the required fields, submits the data to the server.
8. Verify that clicking the cancel/reset button after entering all the required fields, cancels the submit request, and reset all the fields.
9. Verify that if no value is passed to the mandatory fields and submit button is clicked then it leads to a validation error.
10. Verify that the user can leave the optional fields blank and on clicking the submit button no validation error appears.
11. Verify that whenever possible validation should take place on the client side. For example, if a user presses submit button without entering a username, and password then this validation should take place on the client side instead of sending blank entries to the server.
12. Check the upper limit of the different textbox fields.
13. Verify validation on the date and email fields. Only valid dates and valid email Ids should be allowed.

14. Check validation on numeric fields by entering alphabets and special characters.
15. Check that leading and trailing spaces are trimmed i.e. in case, the user appends space before and after a field, then the same should get trimmed before getting stored on the server.



A login page UI mockup on a dark blue background. It features a yellow padlock icon on the left. The 'Username' label is in a large, white, serif font, with a text input box containing the placeholder 'username' to its right. Below it, the 'Password' label is in the same font, with a text input box containing seven asterisks '*****' to its right. To the right of the password box is a checkbox labeled 'Remember Me'. At the bottom right is a 'Register' button with a white border and blue text.

Test case for Login Page:

- TC1: Check UI - Check all text boxes, buttons & checkboxes - Check the login page- Make sure UI is fine & alignment of Text boxes, Placeholders & buttons are perfect.
- TC2: Login - Check for invalid username - Enter invalid username & valid password - Make sure user cannot log in successfully with such credentials.
- TC3: Login - Check for invalid password - Enter valid username & invalid password - Make sure a user cannot log in with this credentials also.



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- TC4: Login - Check for empty password - Enter valid username & empty password - Make sure user cannot login with the empty password.
- TC5: Login - Check for valid username & password - Enter valid username & valid password - Make sure user was able to login with valid credentials [Positive test case]
- TC6: Login - Check password is in encrypted form - Enter the password & check if it is in encrypted form - Make sure you cannot copy paste the password.
- TC7: New account - Check the link for new registration is working fine - Click the create account link - Check you were taken to the registration page.



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