

Experiment - 9

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Branch: BE-CSE (LEET) Section/Group: 801 "B"

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Subject Name: ST LAB

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.

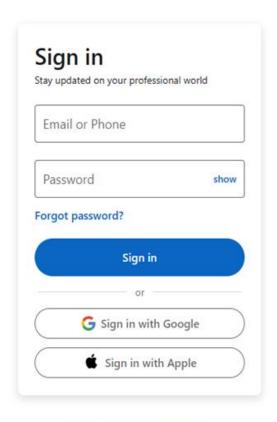


Test case for Login Page:

- · 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.
- \cdot TC3: Login Check for invalid password Enter valid username & invalid password Make sure a user cannot log in with this credentials also.

- · 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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