

Testing Automation Exercise

Basic Login Page

Goal:

Write an End-to-End **automation** test for the provided login page:

Go to: <https://the-internet.herokuapp.com/login>

Customer Requirements:

- The login page should be displayed when a user navigates to <https://the-internet.herokuapp.com/login>
- The login page contains a login button and two text fields; one for entering the username and another for entering the password
- When the login button is clicked after filling in the username & password fields:
 - REQ_0001: If any of the text fields is left blank: An error must be reported to the user.
 - REQ_0002: If both fields are filled in but there is no record of the username or if the password is incorrect: An error must be reported to the user.
 - REQ_0003: If the username and password are correct: The user is redirected successfully to the Secure Area.

Deliverable:

- Testing Environment (Please provide us with the necessary steps to setup the environment and run your tests)
- Traceability Matrix for test cases (in any format like Excel or other)
- Test Scenarios (Code)
- Test Report

Scoring Criteria:

1. **Coverage of all good and bad scenarios**
2. Neatness of the test environment, you can prepare and use a testing environment of your selection
3. Readability of the test code
4. Ease of change of the test code
5. Quality of the test report
6. Bonus: Cross Browser Testing
7. Bonus: Using Docker for the test environment

Notes:

- Time frame for this task is **one week** from receiving this assignment
- You can use any web test automation framework (Selenium, Cypress..etc) and any programming language you are familiar with
- In case something is not clear, please make your own assumptions, and state it
- Kindly send us your output to: yasser.elsemary@valeo.com