

Test Automation with Selenium – entry level test

The purpose of this assignment is to evaluate the candidate's ability to familiarize themselves with a test automation tool, namely Selenium, in under 5 calendar days

Assignment Milestones

- a) Download and install the tool – Use Visual Studio and script the tests in C#
- b) Understand the test plan that is included in the current assignment
- c) Execute the test plan and gather results
- d) Prepare and execute a demonstration

Steps

1. Prepare your machine for running Selenium, by installing all prerequisites and making sure that everything is in place
2. Ensure that the test target system is accessible
3. Setup the project in Visual Studio
4. Write the code for the test plan
5. Execute the plan and report results

Test Plan

1. Open a browser of your choice say Mozilla Firefox using Gecko Driver
2. Navigate to Gmail (<https://www.gmail.com>)
3. Login to your Gmail with correct credentials.
4. Verify that by default "Primary" section is selected.
5. If not click on the Primary tab.
6. Get the count of the total number of emails in the Primary tab.
7. Get the name of the sender and subject of Nth Email of your inbox.
8. Write a method to get the name of the sender and subject of email of your inbox.

Expected Outcome

- Upload the code on github and provide a link
- Prepare and execute a 20' presentation of your work (in English)