

You are given an assignment to provide automated tests for Musala Soft website
<http://www.musala.com/>

Design a test automation framework in a language of your choice. The solution must be provided in a git repository by your choice.

Implement as many of the following features as you can:

1. Design your framework to support two browsers – chrome and firefox. Make the browser selection available from a configuration file.
2. Store the base URL (<http://www.musala.com/>) in the configuration file
3. Add a possibility the tests below to be executed in parallel simultaneously
4. For Test Case 1 – prepare a test data file in a format of your choice, the file must contain 5 sets of invalid e-mail addresses. Implement the test to run 5 times with each e-mail address.
5. Provide a report for the test runs
6. Add a README file
7. If you can think of other useful features – feel free to include them as well!

Implement the following test cases:

Test Case 1

1. Visit <http://www.musala.com/>
2. Scroll down and go to 'Contact Us'
3. Fill all required fields except email
4. Under email field enter string with wrong email format (e.g., test@test)
5. Click 'Send' button
6. Verify that error message 'The e-mail address entered is invalid.' appears

Test Case 2

1. Visit <http://www.musala.com/>
2. Click 'Company' tap from the top
3. Verify that the correct URL (<http://www.musala.com/company/>) loads
4. Verify that there is 'Leadership' section
5. Click the Facebook link from the footer
6. Verify that the correct URL (<https://www.facebook.com/MusalaSoft?fref=ts>) loads and verify if the Musala Soft profile picture appears on the new page

Test Case 3

1. Visit <http://www.musala.com/>
2. Navigate to Careers menu (from the top)
3. Click 'Check our open positions' button
4. Verify that 'Join Us' page is opened (can verify that URL is correct: <http://www.musala.com/careers/join-us/>)
5. From the dropdown 'Select location' select 'Anywhere'
6. Choose open position by name (e.g., Experienced Automation QA Engineer)

7. Verify that 4 main sections are shown: General Description, Requirements, Responsibilities, What we offer
8. Verify that 'Apply' button is present at the bottom
9. Click 'Apply' button
10. Prepare a few sets of negative data (e.g., leave required field(s) empty, enter e-mail with invalid format etc.)
11. Upload a CV document, and click 'Send' button
12. Verify shown error messages (e.g., The field is required, The e-mail address entered is invalid etc.)

Test Case 4

1. Visit <http://www.musala.com/>
2. Go to Careers
3. Click 'Check our open positions' button
4. Filter the available positions by available cities in the dropdown 'Select location' (Sofia and Skopje)
5. Get the open positions by city
6. Print in the console the list with available positions by city in the following format:

Example:

Sofia

Position: Database Administrator

More info: <http://www.musala.com/job/database-administrator/>

Position: OS and Application Administrator

More info: <http://www.musala.com/job/os-and-application-administrator/>

Position:

More info:

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Skopje

Position:

More info: