

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 much 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) 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: