

Technical test - QA Engineer

Overview

The objective of this technical test is to assess the candidates ability in both UI and API testing. There will be a technical assessment, as well as an expectation of showing your logic, approach and thought-process.

What can I use?

We are fairly flexible on your approach and use of frameworks/languages, but here is a suggested list of what you could use:

- Git
 - Visual Studio/Visual Studio Code
 - Postman
 - C#/Java/Javascript
 - Specflow/Cucumber
-

Expectations

- ☐ Create a GitHub account (*or use an existing one*)
- ☐ Create 2 Private Repositories - UI test and API test
- ☐ Go to settings > manage access, and add qaleads@betwaygroup.com as a collaborator for both
- ☐ Complete the questions below and commit code to the relevant repository
- ☐ Be prepared to explain your approach and any technical concepts used
- ☐ Think about how you would improve your tests if you were given more time



Make regular, atomic commits to the repositories, as this is not only best practice, but will help visualize your approach

UI Test

Write test cases for the following scenarios:

Prerequisite for all scenarios: Navigate to <https://www.bbc.co.uk/sport/football/scores-fixtures>

Feature: As a business user, I would like to make a record of all teams which are playing today

Scenario: Output all team names with a match today. If there are no matches today, output a message to convey this.

Feature: As a sports user, I would like to read about all articles related to sports

Scenario: Use the search option to find all articles related to 'sports'. Output the first heading and the last heading returned on the page.

Feature: As a QA, I would like to verify all negative scenarios for login

Scenario: Select 'Sign in', and enter as many negative scenarios as possible. Verify that a error message is displayed and the text that it contains is as expected.

API Test

API Endpoint: <https://v6.exchangerate-api.com/v6/1fc80820c72b0163bc9c7536/latest/USD>

Questions

Complete the following scenarios:

- Verify the HTTP status is 200
 - Count the total number of currencies returned within the response
 - Verify the currency 'GBP' is shown within the response
-