



QA Automation Engineer

Technical Assessment



V1.0 21st September 2016

Overview

The purpose of the assessment is to qualify the candidates for their expertise with Web and API Automation. This task requires you to create a simple Automation Script using your own programming language and to Automate an API with provided conditions.

We recommend **not** to spend in this assessment more than **5 hours**.
Please reply with the completed assessment to the original sender.

Do:

- Include a ReadMe file if there is setup required for your code to run, or if there is something you would like to comment on.
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- Keep your code tidy.
- Take the opportunity to show off beyond the above requirements. This could include the use of your own frameworks, Reporting, Libraries. If there is something you would like to do but are constrained by time, outline it in the readme file.

Don't:

- Include automatically generated documentation files. We will be studying your code.
- Give up. If you are trying something cool but don't have time to finish it, include it and a description in your comments/readme of what you were trying.

Task 1

This task requires you to automate the simple search functionality on Daft.ie website. Automation script should cover following conditions:

- Select any Random **Category** (For Example: For Sale, To Rent,...).
- Select any Random **City/County & Areas** from the Dropdown.
- Create a Search.
- From the Search Results Page, Perform an Advanced Search by adding Random **Price Range**, **Bedroom** and **Bathrooms**.
- Also select any Property Type.
[**Note:** Property Types will be different for different Categories.]
- Finally, from search results, Select any Random property and Verify Bathrooms and Bedroom equals to the **Search** Criteria.

Note:

Use any Programming language (except C#) Tools and Framework which you are comfortable with. Please add a ReadMe file with the instructions how to run the Automation Script.

Task 2

This task requires you to automate an API using following conditions:

- Select any API from this Link <https://developers.google.com/maps/web-services/>.
- Generate your own API Key.
- Create Test Suites, Test Cases & Test Steps.
- Perform different Assertions.
- Validate the Results.

Note:

Please note this is a third party API, not owned by DistilledSCH or one of its subsidiaries.