TEST AUTOMATION ENGINEER

HERE IS THE CHALLENGE…

The following assignment is all about automating the online tool Trello. The goal of this assessment is to get a better understanding of your technical skill level by looking at different aspects and tasks that you would encounter during your work as a QA Engineer / Test Automation Engineer at Knab. These tasks include determining a test approach, creation of testcases, reporting of results and working with source control.

For this technical assessment you will need an account on Trello. You can register for free at https://trello.com/signup. Feel free to ask questions upfront. Your recruiter will make sure this gets addressed.

Documentation

Trello has documentation available on https://developers.trello.com/ and for information on the API: https://developers.trello.com/v1.0/reference#introduction. After you are logged in you can retrieve your API key and token at https://trello.com/app-key/

Deliverables (please don't miss any)

The assignment is to create a new solution containing the following test scenarios/steps.

- Create a series of test cases that cover the CRUD operations on Trello board. Cover both positive & negative cases.
- Create test plan for the above created test cases and decide what needs to be tested at Back-End & Front-End
- Perform CRUD operations on Trello board. Automate (at least three) of the previously created test cases for both UI and Back-End.
- Deliver a test report.

Requirements

- Implement the solution using a BDD framework written in C# (OR Java OR Python).
- Setup the solution from scratch. Your code should follow OOPs, design, and clean code principles.
- Upload the project into a public Github repository and share the link with us at least 2 days in advance.
- The repository must include clear instructions on where to find each deliverable and how to execute the tests.
- And bonus points for running the project with Docker

Good luck!

knab