



TEST AUTOMATION ENGINEER

Do you like to automate application testing rather than doing it manually?

HERE'S THE CHALLENGE...

The following home assignment is all about automating the well-known online tool Trello. The assessment's goal 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 Test Automation Engineer at KZA. 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>

Documentation

Trello has some nice documentation available on <https://developers.trello.com/>
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

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

- Create a series of manual test cases that covers the CRUD operations on Trello board. Cover both positive & negative cases.
- Create test plan for the above created test cases. Approach to 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.
- Provide a test report.

Requirements

- Implement the solution using a BDD framework written in C#.
- Setup the solution from scratch. Code should follow OOPs and design principles.
- Upload the project into Github public 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.

Good luck!