

QA Automation Engineer - Code Challenge

System Under Test:

<http://demowebshop.tricentis.com/>

Time allocation: 4 hours (max)

Scenario

You have been tasked with writing an automated test suite for <http://demowebshop.tricentis.com/>. The site is due to go live in 24 hours in order to meet delivery deadlines, and you've been provided four hours to develop an automated test suite for it to provide the team with confidence to deploy to production.

Our automated test stack looks something like:

- C# (dotnet core)
- Playwright
- XUnit

Please note: whilst it is preferred to write your automated tests in this stack, it is not essential and you are welcome to utilise any other test framework of your choice (e.g. Selenium, Cypress, Protractor etc.).

Requirements

In order to meet this deadline you must:

- Identify five high risk areas of the application
- Select two (or more) of the risks identified and create automated tests for them

In your README.md file please justify why you identified the five high risk areas, as well as provide reasoning as to why you chose to automate the test cases selected.

Additionally, please provide a detailed description of how to build and run the submitted automated tests in your README.md, and provide any insights as to how you might go about improving them given more time.

Submission

Please push your automated test suite to a repository of your choosing (e.g. Bitbucket, Github, Gitlab etc.) and ensure that we are able to access it (i.e. make it public).