



QA Technical Test

Background

The owner of café Townsend has needed a website created. The owner contacted a third-party developer and they created the following site (<http://cafetownsend-angular-rails.herokuapp.com/login>). The owner is a bit IT savvy and has realised that they need to make sure that the website works as it should and contacts yourself (a professional QA Engineer) to ensure that what they got from the third-party developer is what they want. The problem is, the owner isn't as savvy as they think and when you ask them what they wanted, they weren't sure and comes back with the old line of "you're the expert, you tell me".

Task 1

After the quick meeting with the owner, you decide to work out – based off your experience – how the website *should* function. What would you need to do to assure quality for the website? Include *recommendations*.

Task 2

Upon finishing the first task, you realise that this website is automate-able. Use open source frameworks to automate the website. Keep in mind, that you are a professional QA Engineer and you should be adhering to developing code using *design pattern(s)* and technique(s) to make your code *maintainable* (**hint:** think unit tests). You should also be developing code that can be tied to *Continuous Delivery* infrastructure.

Remember to push the code to an online repository so we at LEAP can view the code you have spent time creating and let the interviewer know what the link is with the proper permissions.