Ethoca Automation Challenge

Congratulations on making it this far!

We want you to complete this final challenge in the hiring process.The purpose of this coding challenge is to get a sense of what it would be like to work with you on a day-to-day basis.  The completed challenge gives us a body of work to go over together in a code review setting.  We will evaluate you on your testing practices (exception handling, assertions, etc.), use of dependency management tools, choice of test frameworks, general coding best practices, choice of technologies & libraries, criticism’s, etc.

***Please communicate an estimate as soon as you can so we can schedule the code review interview to go over your submission.***

If you have any questions regarding requirements do not hesitate to get clarification from us (aileen.gore@ethoca.com).

## Technology Stack

You have the option to use a technology stack that you're most comfortable with. However our preference would be to use Java, TestNG, Selenium WebDriver, etc.

## Requirements

A Magic Mouse will solve all your problems!

So you have to buy a Magic Mouse from an e-commerce website.

**STEP 1**: Go to [http://store.demoqa.com/](http://store.demoqa.com/%20)

**STEP 2**: Go to Product category and select Accessories

**STEP 3**: Click on “Add to Cart” for just Magic Mouse

**STEP 4**: Click on “Checkout” and confirm you have 1 Magic Mouse in your Check-Out Page

**STEP 5**: After confirming, click on Continue

**STEP 6**: Enter test (dummy) data needed for email, billing/contact details and click Purchase

**STEP 7**: Confirm that you have placed the Order in ‘Transaction Results’ page

**Q1**. Automate the above steps (Step-1 to Step-7) using Selenium WebDriver with JAVA.

**Q2**. Document all possible Test Cases to test the above functionality. You may use MS Word/Excel to write your test cases

***Please make a new project in Eclipse/IntelliJ to test this given scenario. We are interested in seeing your project setup and use of dependency management tools and what Reporting/Logging tools have been used in the framework to document test results.***

***We at Ethoca firmly believe in making our applications and tests scalable across multiple platform/environments. When you come in for your code review, we would also like to know your thoughts on running your tests in a CI environment.***

## Deliverables

Share your assignment with us via an SCM provider (GitHub, Bitbucket, etc.) or as a zip/tarball on a cloud storage provider (Google Drive, Dropbox, etc.). Send a link to the project in an email to aileen.gore@ethoca.com, but you’re welcome to continue working on the assignment up until you present it to us live on the day of your second interview. It would be preferable if you could bring in your own laptop to review the assignment with us.  We have cables and adapters to connect to a laptop with a VGA or mini display port.

If you can't bring in your own laptop then you will need to provide us with all steps required to run your solution on a Windows 7/8/10 environment.