**QA Technical test - Part 2**

# **AUTOMATION EXERCISE**

### **Name: Rosario Mariel Diaz Fernandez**

### **Position: QA mind manual**

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1. **For the following exercises, you are free to use any automation framework, language, and/or tool. However, we would like to know why you chose them. Also, please send screenshots of the test case execution, if you want you can send other additional information you consider important.**

**Use GIT and share your repository**

1. Please automate the test case "to buy a product" using the following website:

<http://automationpractice.com/index.php>

Selenium: I used selenium because Selenium is an umbrella project for a range of tools and libraries that enable and support the automation of web browsers

1. is a free and open source
2. have a large user base and helping communities
3. have cross Browser compatibility (Firefox, Chrome, Internet Explorer, Safari etc.)
4. have great platform compatibility (Windows, Mac OS, Linux etc.)
5. supports multiple programming languages (Java, C#, Ruby, Python, Pearl etc.)
6. has fresh and regular repository developments
7. supports distributed testing

Java: Java for Testing accomplishes a thorough and accurate review that checks for all defined cases. An automated Java Code Testing boosts development, saves cost and enhances the application quality by performing a test function or code review with greater consistency and in much lesser time.

Gradle: **Gradle** provides building, testing, and deploying software on several platforms. The tool is popular for building any software and large projects.

Some reasons to use Gradle:

Gradle resolves all the issues faced on other build tools like Maven and ANT.

The tool focuses on maintainability, usability, extendibility, performance, and flexibility.

It is well-known to be highly customizable when it comes to different projects dealing with various technologies. We may use Gradle in several ways, like Java projects, Android projects, and Groovy projects.

Gradle is popular to provide high-speed performance, nearly twice as fast as Maven.

The tools support a wide variety of IDE's, which provide a better user experience, as different people prefer working on a different IDE. It provides the users that like to work on the terminal with the command-line interface, which offers features like Gradle tasks, Command line completion, etc.





