**Automated Testing Challenge (At home test)**

# Summary

This document gives an overview of the code written and how to configure and run the tests.

# Test Approach

This Automation Tests are written using Java as the programming language by utilising Selenium Webdriver. All of the tests have been implemented with ‘Page Objects Model’ and ‘TestNG’ for assertions.

## Pre-requisites to run the tests

The following items are required prior to running the automation tests:

1. Java must be installed
2. Maven must be installed
3. Add Selenium, <https://www.selenium.dev/maven/> and TestNG dependencies [https://testng.org/doc/maven.html into the pom.xml](https://testng.org/doc/maven.html%20into%20the%20pom.xml)

4. Download chromedriver [for chrome browser]gecko driver [for Firefox] from <https://www.selenium.dev/downloads/>

## Running the tests

There are three tests written under the package ‘DaviesGroup’ located at src/test/java. All the tests will run individually

* HomePageTest [ This test will run in an chrome browser]
* SolutionsFireInvestigation [This test will run in an firefox browser]
* CapturingStokeOfficeAddress [Incomplete test]

For the above classes , element locators are defined under the package ‘pageObjects’ located at src/main/java

I have created properties file [as not to hard code the data] this file contains the properties I have used in the code and for each test we need to provide this file path

FileInputStream fis = **new** FileInputStream("C:\\KP\\DaviesGroup\\DaviesGroup\\src\\main\\java\\or.properties");

And also chorme and gecko driver path

System.*setProperty*("webdriver.chrome.driver","C:\\KP\\Drivers\\Drivers2020\\chromedriver.exe");

When the above paths are set, and then right click on each test RunAs🡪TestNG Test

This should trigger and run the test in respective browsers.

**Note: I am unable to finish the test CaptureStokeOfficeAddress within the time give to me.**