AOL Test Project Overview

This is a test project that covers a basic functionality of vacancies filtering option of AOL application.

The framework was developed using:

- Java 11
- Selenium 4.2.1
- TestNG 7.6.0
- Build tool: Maven
- Configuration properties: dotenv-java library
- Logging: log4j2
- Assertions: AssertJ Java library
- POM Design Pattern

How does it work?

- Property file .env located in the project root is used to set basic configuration for the execution like: browser type, URL, explicit wait time, etc.
- Tests can be currently run in Chrome, Firefox and Edge
- Log levels in the log4j2 property file can be increased or decreased to adjust the amount of information that will be logged or viewed in console. The configuration file is located in src/main/java/resources. The log levels works in the following order:
  ALL < TRACE < DEBUG < INFO < WARN < ERROR < FATAL < OFF
- The test-cases.json file located in test/resources is used to add or remove necessary data for testing

How to run it:

- Make sure you have Java 11 installed
- Make sure you have Apache Maven installed on your machine to be able to run tests trough terminal.
- Import project to your IDE and run test.xml file, or if running through terminal navigate to project folder root and run:

  mvn clean test

Things to note:

- Project is set to run in parallel mode = methods

Other tips and info:

- Use index.html file located in target/surefire-reports folder to view test results in browser