

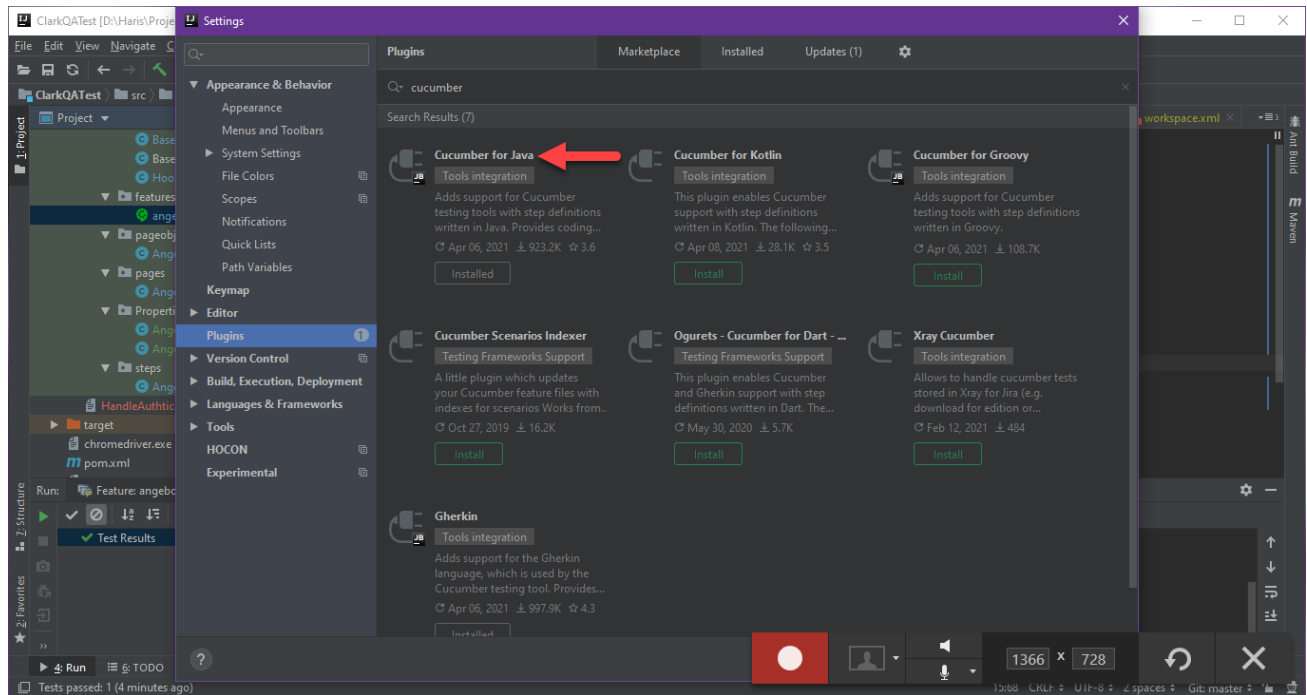
Overview of the Clark QA Automation project:

As per the requirements, I have developed the automation of Clark sales funnel (happy path testing) that completes the process of the “Privathaftpflicht” insurance by selecting and entering the required information on the questionnaire and checkout pages and finally verifying it on the manager page.

I have developed the automation test project in Java version 8 with Selenium (used for browser automation), Cucumber (used for Behaviour Driven Development / Gherkin) and TestNG (used for test assertion) frameworks. I have used the Page object model (POM) to develop the project. Object Oriented Programming techniques like encapsulation, inheritance, polymorphism , and exception handling are also used in the project.

Installations of the required softwares (skip this step if already installed):

1. Download and install JDK (perrefabel version 8 which is compatible with cucumber framework) link is given as follows:
 - a. <https://www.oracle.com/java/technologies/javase/javase-jdk8-downloads.html>
2. Download and install the latest version of the IntelliJ (community edition) IDE to open and run the automation project. Link is given as follows:
 - a. <https://www.jetbrains.com/idea/download/#section=windows>
3. After the successful installation of the JDK and IntelliJ. Follow the steps to install cucumber plugin in IntelliJ
 - a. Open IntelliJ
 - b. Goto File → Select Settings → Select Plugins → Select Marketplace tab → Search “Cucumber”.
 - c. Install “Cucumber for Java”.



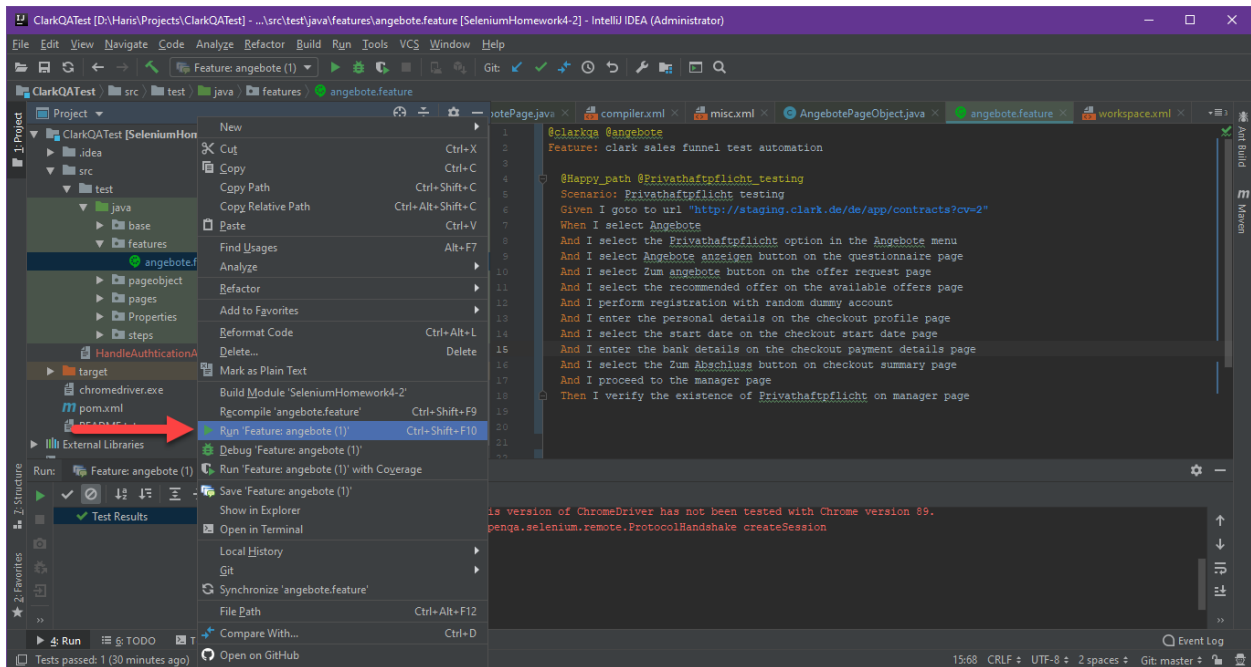
Opening and executing the project:

Follow the steps to Open the Project

1. Open IntelliJ IDE
2. Select File → Select Open.
3. Select the folder name “ClarkQATest” containing the project.
4. Wait for the project to load completely.
5. If popup appears then select “Open as Maven project”.

After opening the project, follow the steps to execute the project

1. In the project tab (as shown on the left in IntelliJ IDE) Expand directories src → test → java → features.
2. In the features directory, right click on the “angebote.feature” file to show options.
3. Select “Run Feature:angebote(1)”



Chrome driver compatibility issue:

If you are using the chrome browser version other than version 89. Then the chrome driver should be replaced in the project, steps are follows:

1. Download the chrome driver: (Make sure that the version of the chrome driver and google chrome browser must be same)
 - a. <https://chromedriver.chromium.org/downloads>
2. Replace the downloaded chrome driver into the folder "ClarkQATest".

If you are using the chrome browser version 89 then skip these steps.