**tell me about your framework**

I use java as a programming language in my framework. //. JAVA

I use Selenium to automate my browsers. // selenium selenium web automation tool

I use maven as a build automation tool. Which has pom.xml file that allows to manage dependencies/versions easily. //

I use Page Object Model to simplify managing and maintaining my framework.

This design pattern allows to locate web elements only once, in their respective classes.

So that if there are any problems with any web elements, i know exactly where to go and how to fix it.

I created Singleton Desing Pattern to allow my framework to pass the same instance of webdriver in one session.

(one session: when you click run, selenium creates one session. The session will end when the driver stops.)

I created a configuration.PROPERTİES type of file where I keep the important test data about my framework. I keep Test Data that can change the running flow of the whole framework, such as:

-browser

-username/password

-url: to change and run on different environments

I created utility class from existing java library to read from properties type of file.

* ConfigurationReader

(You should be ready to talk about how to read from properties file.)

Opening the file and passing the path of the file into FileInputStream

Loading the file to properties class object.

I implement BDD approach to simplify reading and understanding my framework for the non-technical teammates in my team.

I write my test cases as if they are scenarios from the end users perspective in Gherking language in my feature files.

Gherking is very similar to English. Therefore it is easy to understand for non-technical teammates.

I implemented the actual coding logic with JAVA-SELENİUM-JUNİT… inside of the step\_definitions package and it their own respective/related classes.

I trigger my framework from runner class.

Runner class allows to run different types of testing suites that I created with some tags, such as smoke, regression, mini-regression.

I have different types of reports. But mainly i use “maven-cucumber-reporting” which is a very detailed reporting tool that has pie-charts, matrixes on which tests are passing and failing.

Even has the option to show what percentage of which tags are failing and passing.

Hooks class, where we implement some cucumber annotations such as Before, After, beforestep, afterstep to create outline for my scenarios.

I also implemented a logic where my framework is taking a screenshot and attaching it to report if a scenario is failing.

-DDT -SCENARIO OUTLINE