Automation Framework Documentation

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## Introduction

This is a documentation for my automation framework that has modules will help the test automation engineer with writing a test automation script, it is a maven project, and these framework modules will be declared below. And I apply it on the test case that was sent in the mail. This framework based on POM, Data provider, Object-Oriented Design.

## Framework Modules

My framework was designed as below

### pom.xml

This file includes all the dependencies that I needed to build my project and includes some comments that identify the reason that I need this dependency

### src folder

This file contains my code and those things that may be support it like:

1. main folder: This folder contains all java code that will support our tests
2. java
3. elements: this package contains an interface to make it easier to read the locator from the property file using PropReader class and find the element
4. pages: this package contains pages that I will interact with in my test case with all locators and methods needed (POM)
5. properties: this package contains the config.properties file, this file contains all locators needed with a descriptive name to make it easier understand and refactor the code for test automation engineer
6. readers: this package contains all readers I needed to read data from files in my test case
7. Step definition files
8. Test Runner –> to Run the features and the project
9. resources
10. Features file
11. Chrome driver
12. Cucumber props for reports

## Reporting

The report appears as a URL with cucumber reporting tool in the console after the execution

## How to run?

* You can run from the TestRunner class
* The Environment that this test case ran well on it (my environment)
* Java Version: 11.0.1