

NOTES

- The project uses Selenium with Java 11, Maven & TestNG.
- Prerequisite installation:
 1. Java 11
 2. Any IDE (IntelliJ, Elipse). I use IntelliJ
 3. Lombok plugin
- How to run tests for the challenge? Run file src/test/resources/TestSuite.xml
- The source code is tested with FireFox, Chrome, IE & Edge. So, please download appropriate WebDriver for your OS & put it in folder "drivers" with correct name:

Selenium webdriver	Webdriver name to run code
Geckodrive for Firefox	geckodriver.exe
Chrome	chromedriver.exe
Internet Explorer	IEDriverServer.exe
Edge	msedgedriver.exe

- Configuration saves on file .env.
 - TESTING_BROWSER param for the browser you'd like to run test. It's from BrowserType.class

Browser to run test	Value for param TESTING_BROWSER
Firefox	firefox
Chrome	chrome
Edge	MicrosoftEdge
IE	internet explorer

- LOGIN_NAME & PASSWORD for account to login & run testcases for Shopping & Product
- Data provider for the test data saves on src/test/java/com/saucedemo/dataProvider
- Log4j2 for log. Files save on folder "logs".
- Extent Report v5 for test report. After running, it'll generate a report file in folder Reporter. I leave latest reports for last time executed on browsers.

Report file	Executed on / Note
Jun16_2021_15_39_09.html	Firefox
Jun16_2021_15_41_43.html	Chrome
Jun16_2021_14_06_46.html	IE
Jun16_2021_13_08_57.html	Edge
Jun16_2021_15_58_52.html	Demo failed testcase with screenshot

- Update on .env file, param SPARK_REPORT_PATH for Reporter path
- Failed test case will have screenshot.

Fail

Fail

Testcase failed with screenshot

[Click here to view screenshot](#)

STATUS	TIMESTAMP	DETAILS
Info	3:58:55 PM	Method: com.saucedemo.test.DemoFailedTest.failedDemo
Info	3:58:55 PM	Run on: chrome, Execution time: 34 ms
Fail	3:58:55 PM	FAILED
Fail	3:58:55 PM	<pre>java.lang.AssertionError: expected [Sauce demo site] but found [Swag Labs] at org.testng.Assert.fail(Assert.java:99)</pre>