Runner File

**package** parallel;

**import** java.io.File;

**import** java.io.IOException;

**import** java.util.ArrayList;

**import** java.util.List;

**import** org.junit.runner.RunWith;

**import** org.openqa.selenium.Proxy;

**import** org.openqa.selenium.WebDriver;

**import** org.testng.annotations.AfterClass;

**import** org.testng.annotations.AfterSuite;

**import** org.testng.annotations.BeforeClass;

**import** org.testng.annotations.BeforeMethod;

**import** org.testng.annotations.BeforeSuite;

**import** org.testng.annotations.DataProvider;

**import** org.testng.annotations.Parameters;

**import** org.testng.annotations.Test;

**import** driverfactory.BrowserType;

**import** driverfactory.DriverFactory;

**import** io.cucumber.junit.Cucumber;

**import** io.cucumber.junit.CucumberOptions;

**import** io.cucumber.testng.AbstractTestNGCucumberTests;

**import** io.github.bonigarcia.wdm.WebDriverManager;

**import** utilitiesFiles.CommonUtilities;

@RunWith(Cucumber.**class**)

@CucumberOptions(features = "src/test/resources/parallel",

glue = { "parallel" },

monochrome = **true**,

plugin = {"pretty", "com.aventstack.extentreports.cucumber.adapter.ExtentCucumberAdapter:",

"timeline:test-output-thread/" },

publish = **true**)

**public** **class** VisiCheckRunner **extends** AbstractTestNGCucumberTests {

// System.out.println("===============================================" );

**public** **static** WebDriver *driver*;

**public** **static** WebDriver *driver2*;

**public** **static** String *Device\_name*;

**private** **static** List<WebDriver> *driverPool* = **new** ArrayList<WebDriver>();

@BeforeSuite

**void** setUpSuite() {

WebDriverManager.*chromedriver*().setup();

WebDriverManager.*firefoxdriver*().setup();

WebDriverManager.*firefoxdriver*().setup();

}

**public** **static** WebDriver getDriver(BrowserType type) {

*driver* = DriverFactory.*getInstance*().getDriver(type);

*driverPool*.add(*driver*);

*driver*.manage().window().maximize();

**return** *driver*;

}

**public** **static** WebDriver getDriver1() {

*driver* = DriverFactory.*getInstance*().getDriver1();

*driverPool*.add(*driver*);

**return** *driver*;

}

@BeforeMethod

@Parameters("browser")

**public** **void** config\_driver(String browser) **throws** IOException {

// String device = Config.projectconfig\_Values("Browser");

// File dir = new File(System.getProperty("user.dir") +

// Config.config\_Values("ScreenShots")); if (dir.isDirectory()){ dir.delete();

//File newDir = new File(Config.config\_Values("Reportpath")+"//screenshots");

//newDir.mkdir(); }

//CommonUtilities.getInstance().initWebElements(); // testEnvironment =

//ConfigFactory.create(Environment.class);

**if** (browser.equalsIgnoreCase("chrome")) {

PageObjectAddToCart.*CartInstance*=**null**;

*Device\_name*=browser;

*getDriver*(BrowserType.***CHROME***);

CommonUtilities.*getInstance*().initWebElements();

}

**else** **if** (browser.equalsIgnoreCase("firefox"))

{

PageObjectAddToCart.*CartInstance*=**null**;

*Device\_name*=browser;

*getDriver*(BrowserType.***FIREFOX***);

CommonUtilities.*getInstance*().initWebElements();

} }

@Override

@DataProvider(parallel = **false**)

**public** Object[][] scenarios() {

**return** **super**.scenarios();

}

@AfterSuite

**public** **void** Report() **throws** Exception {

**if** (*driver* != **null**)

{

**for** (WebDriver webDriver : *driverPool*) {

//webDriver.quit();

}

}

}

}

XML File

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<!DOCTYPE suite SYSTEM "http://testng.org/testng-1.0.dtd" >

<suite name=*"Suite"* parallel=*"tests"* thread-count=*"4"*>

<test name=*"Parallel\_Execution\_chrome"*>

<parameter name=*"browser"* value=*"chrome"* />

<classes>

<class name=*"parallel.VisiCheckRunner"* />

</classes>

</test>

<test name=*"Parallel\_Execution\_firefox"*>

<parameter name=*"browser"* value=*"firefox"* />

<classes>

<class name=*"parallel.VisiCheckRunner"* />

</classes>

</test>

</suite>