***Steps to Run the cucumber project as testng project:***

1. *Add the dependencies of cucumber-jvm-deps, testng,*

*cucumber-testng, cucumber-java.*

1. *Then add the code snippet available in the document*

*(inside MyTestRunner class ) to your runner class*

1. *Then add the testng.xml to our project. (Replace the*

*class name with your runner class name)*

***Dependency to be added***

*<dependencies>*

*<dependency>*

*<groupId>io.cucumber</groupId>*

*<artifactId>cucumber-jvm-deps</artifactId>*

*<version>1.0.6</version>*

*<scope>provided</scope>*

*</dependency>*

*<dependency>*

*<groupId>org.testng</groupId>*

*<artifactId>testng</artifactId>*

*<version>7.4.0</version>*

*<scope>test</scope>*

*</dependency>*

*<dependency>*

*<groupId>io.cucumber</groupId>*

*<artifactId>cucumber-testng</artifactId>*

*<version>${cucumber.version}</version>*

*<scope>test</scope>*

*<exclusions>*

*<exclusion>*

*<groupId>junit</groupId>*

*<artifactId>junit</artifactId>*

*</exclusion>*

*</exclusions>*

*<dependency>*

*<groupId>io.cucumber</groupId>*

*<artifactId>cucumber-java</artifactId>*

*<version>${cucumber.version}</version>*

*<scope>test</scope>*

*</dependency>*

*</dependencies>*

***Code snippet of Runner class:***

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

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

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

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

**import** io.cucumber.testng.CucumberOptions;

**import** io.cucumber.testng.FeatureWrapper;

**import** io.cucumber.testng.PickleWrapper;

**import** io.cucumber.testng.TestNGCucumberRunner;

@CucumberOptions(features = { "src/test/resources/AppFeatures/DashboardDefinition.feature" },

glue = {"stepdefinitions","AppHooks" },monochrome=**true**,

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

)

**public** **class** MyTestRunner {

**private** TestNGCucumberRunner testNGCucumberRunner;

@BeforeClass(alwaysRun = **true**)

**public** **void** setUpClass() {

testNGCucumberRunner = **new** TestNGCucumberRunner(**this**.getClass());

}

@Test(groups = "cucumber scenarios", description = "Runs Cucumber Scenarios", dataProvider = "scenarios")

**public** **void** scenario(PickleWrapper pickleWrapper, FeatureWrapper featureWrapper) **throws** Throwable {

testNGCucumberRunner.runScenario(pickleWrapper.getPickle());

}

@DataProvider

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

**return** testNGCucumberRunner.provideScenarios();

}

@AfterClass(alwaysRun = **true**)

**public** **void** tearDownClass() {

testNGCucumberRunner.finish();

}

// For parallel excecution

// @Override

// @DataProvider(parallel = false)

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

// return super.scenarios();

// }

}

***Code snippet of testng.xml:***

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

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

<suite name=*"NT Regression"* verbose=*"1"* parallel=*"none"* thread-count=*"1"* configfailurepolicy=*"continue"*>

<test name=*"Dashboard Definitions"* annotations=*"JDK"* preserve-order=*"true"*>

<classes>

<class name=*"testrunners.MyTestRunner"* />

</classes>

</test>

</suite>

***References :***

*1. https://github.com/cucumber/cucumber-jvm/blob/main/testng/README.md*