Selenium dependency

<dependency>

<groupId>mysql</groupId>

<artifactId>mysql-connector-java</artifactId>

<version>8.0.32</version>

</dependency><dependency>

<groupId>org.seleniumhq.selenium</groupId>

<artifactId>selenium-java</artifactId>

<version>4.8.1</version>

</dependency>

Test Ng :

<dependency>

<groupId>org.testng</groupId>

<artifactId>testng</artifactId>

<version>7.6.0</version>

<scope>test</scope>

</dependency>

Extent report dependency

<dependency>

<groupId>com.aventstack</groupId>

<artifactId>extentreports</artifactId>

<version>3.0.0</version>

</dependency>

**package** Banking.Thanos;

**import** com.aventstack.extentreports.ExtentReports;

**import** com.aventstack.extentreports.ExtentTest;

**import** com.aventstack.extentreports.Status;

**import** com.aventstack.extentreports.markuputils.ExtentColor;

**import** com.aventstack.extentreports.markuputils.MarkupHelper;

**import** com.aventstack.extentreports.reporter.ExtentHtmlReporter;

**import** com.aventstack.extentreports.reporter.configuration.ChartLocation;

**import** com.aventstack.extentreports.reporter.configuration.Theme;

**import** java.util.Arrays;

**import** org.testng.Assert;

**import** org.testng.ITestResult;

**import** org.testng.SkipException;

**import** org.testng.annotations.AfterMethod;

**import** org.testng.annotations.AfterTest;

**import** org.testng.annotations.BeforeTest;

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

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

**public** **class** BasicExtentReport {

//builds a new report using the html template

ExtentHtmlReporter htmlReporter;

ExtentReports extent;

//helps to generate the logs in test report.

ExtentTest test;

@Parameters({ "OS", "browser" })

@BeforeTest

**public** **void** startReport(String OS, String browser) {

// initialize the HtmlReporter

htmlReporter = **new** ExtentHtmlReporter(System.*getProperty*("user.dir") +"/test-output/testReport.html");

//initialize ExtentReports and attach the HtmlReporter

extent = **new** ExtentReports();

extent.attachReporter(htmlReporter);

//To add system or environment info by using the setSystemInfo method.

extent.setSystemInfo("OS", OS);

extent.setSystemInfo("Browser", browser);

//configuration items to change the look and feel

//add content, manage tests etc

htmlReporter.config().setChartVisibilityOnOpen(**true**);

htmlReporter.config().setDocumentTitle("Extent Report Demo");

htmlReporter.config().setReportName("Test Report");

htmlReporter.config().setTestViewChartLocation(ChartLocation.***TOP***);

htmlReporter.config().setTheme(Theme.***STANDARD***);

}

@Test

**public** **void** testCase1() {

test = extent.createTest("Test Case 1", "PASSED test case");

Assert.*assertTrue*(**true**);

}

@Test

**public** **void** testCase2() {

test = extent.createTest("Test Case 2", "PASSED test case");

Assert.*assertTrue*(**true**);

}

@Test

**public** **void** testCase3() {

test = extent.createTest("Test Case 3", "PASSED test case");

Assert.*assertTrue*(**true**);

}

@Test

**public** **void** testCase4() {

test = extent.createTest("Test Case 4", "PASSED test case");

Assert.*assertTrue*(**false**);

}

@Test

**public** **void** testCase5() {

test = extent.createTest("Test Case 5", "SKIPPED test case");

**throw** **new** SkipException("Skipping this test with exception");

}

@AfterMethod

**public** **void** getResult(ITestResult result) {

**if**(result.getStatus() == ITestResult.***FAILURE***) {

test.log(Status.***FAIL***, MarkupHelper.*createLabel*(result.getName()+" FAILED ", ExtentColor.***RED***));

//test.fail(result.getThrowable());

String excepionMessage = Arrays.*toString*(result.getThrowable().getStackTrace());

test.fail("<b>" + "<font color=" + "red>" + "Exception Occured:Click to see"

+ "</font>" + "</b >" + excepionMessage.replaceAll(",", "<br>")

+ " \n");

}

**else** **if**(result.getStatus() == ITestResult.***SUCCESS***) {

test.log(Status.***PASS***, MarkupHelper.*createLabel*(result.getName()+" PASSED ", ExtentColor.***GREEN***));

}

**else** {

test.log(Status.***SKIP***, MarkupHelper.*createLabel*(result.getName()+" SKIPPED ", ExtentColor.***ORANGE***));

test.skip(result.getThrowable());

}

}

@AfterTest

**public** **void** tearDown() {

//to write or update test information to reporter

extent.flush();

}

}

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

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

<suite name="Suite">

<parameter name="OS" value="Windows"/>

<parameter name="browser" value="Chrome"/>

<test thread-count="5" name="Extent Report Test">

<classes>

<class name="Banking.Thanos.BasicExtentReport"/>

</classes>

</test> <!-- Test -->

</suite> <!-- Suite -->