TestNG (Test Next generation)

“Unit testing tool used by developers while doing WBT”

1.Download

2.Installation setup

3.Reports

4.Multiple TC same time

5.Annotations

6.Parallel execution

7.Rerun only failed testcase

8.Preority

9.Skip

10.Innocavation count

11.Verfication assertions

[12.@DataProvider](mailto:12.@DataProvider)

13.Testng group

PSVM-🡪@Test

Sop-🡪”Reporter.log(“msg”,true);

True🡪console,report

false🡪report

-🡪Zero

Number line

-3 -2 -1 0 1 2 3

TC-1 Tc—1

Annotations

[1. @BeforeSuite](mailto:1.@BeforeSuite)

[2.@BeforeClass](mailto:2.@BeforeClass)

[3.@BeforeMethod](mailto:3.@BeforeMethod)

[4.@BeforeTest](mailto:4.@BeforeTest)

[5.@Test](mailto:5.@Test)

[6.@AfterTest](mailto:6.@AfterTest)

[7.@AfterMethod](mailto:7.@AfterMethod)

[8.@AfterClass](mailto:8.@AfterClass)

9.@AfterSuite

Verification

Assertions

1.Assert/Hard assert

1.Comparsion fails it will not execute the remaining statements of the code it jumps to next test methods

2.Static

3.Assert all is not required

2.SoftAssert

1.comparsion fails also it will execute the remaining lines of the code

2.Non static

3.Assert all by default

TestNG Groups

1.Unit RT-🡪Retesting the changed features

Automation: TestNg Class

2.Full RT🡪Retesting all the testcases

Automation: TestNg.xml

3.Regional RT🡪Retesting only impacted area

Automation-🡪TestNG groups

@DataProvider

“To run multiple times with different data “