**TestCases for Execution**

1. Fill all the details & Login to General Store App.
2. Login to General Store & Add product to cart.
3. Login to General Store & Add product to cart & open it in webview.

**Parallel Execution**

We have to add “deviceName”, “UDID”, “port” as a Parameter in testNg.xml file and we have to read these data in our class using @parameter tag.

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

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

<suite name=*"Suite"* thread-count=*"2"* parallel=*"tests"*>

<test name=*"Test1"*>

<parameter name=*"deviceName"* value=*"Galaxy M30s"*></parameter>

<parameter name=*"UDID"* value=*"RZ8M83ZJH2W"*></parameter>

<parameter name=*"port"* value=*"4723"*></parameter>

<classes>

<class

name=*"com.GeneralStore.ParallelExecution.Parallel\_Handle\_Toast\_msg"* />

</classes>

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

<test name=*"Test2"*>

<parameter name=*"deviceName"* value=*"Galaxy M14"*></parameter>

<parameter name=*"UDID"* value=*"RZ8M83ZJH2M"*></parameter>

<parameter name=*"port"* value=*"4724"*></parameter>

<classes>

<class

name=*"com.GeneralStore.ParallelExecution.Parallel\_Handle\_Toast\_msg"* />

</classes>

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

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

Ex-

package com.GeneralStore.ParallelExecution;

import java.io.File;

import java.net.URL;

import java.time.Duration;

import java.util.concurrent.TimeUnit;

import org.openqa.selenium.remote.DesiredCapabilities;

import org.testng.annotations.Parameters;

import org.testng.annotations.Test;

import io.appium.java\_client.AppiumBy;

import io.appium.java\_client.android.AndroidDriver;

import io.appium.java\_client.remote.MobileCapabilityType;

import io.appium.java\_client.service.local.AppiumDriverLocalService;

import io.appium.java\_client.service.local.AppiumServiceBuilder;

public class Parallel\_Handle\_Toast\_msg {

@Parameters({"deviceName", "UDID", "port"})

@Test

public void locatorUsageTest(String deviceName, String UDID, int port) throws Throwable

{

//Starting server Programatically

File f=new File("C://Users//SOUMYASANTA SAHOO//AppData//Roaming//npm//node\_modules//appium//build//lib//main.js");

AppiumDriverLocalService sb=new AppiumServiceBuilder()

.withAppiumJS(f)

.withIPAddress("127.0.0.1").usingPort(port).withTimeout(Duration.ofSeconds(300)).build();

sb.start();

DesiredCapabilities dc=new DesiredCapabilities();

dc.setCapability(MobileCapabilityType.PLATFORM\_NAME, "Android");

dc.setCapability(MobileCapabilityType.DEVICE\_NAME, deviceName);

dc.setCapability(MobileCapabilityType.AUTOMATION\_NAME, "UiAutomator2");

dc.setCapability(MobileCapabilityType.UDID, UDID);

dc.setCapability("appPackage", "com.androidsample.generalstore");

dc.setCapability("appActivity", ".SplashActivity");

URL u=new URL("http://localhost:"+port+"");

AndroidDriver driver = new AndroidDriver(u,dc);

driver.manage().timeouts().implicitlyWait(20, TimeUnit.SECONDS);

driver.findElement(AppiumBy.id("com.androidsample.generalstore:id/btnLetsShop")).click();

System.out.println(driver.findElement(AppiumBy.xpath("(//android.widget.Toast)[1]")).getText());

}

}