# Source code (Swiggy Application testing by android studio)

```java
package com.SwiggyApi;
import java.net.MalformedURLException;
import java.net.URL;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.remote.DesiredCapabilities;
import org.openqa.selenium.support.ui.ExpectedConditions;
import org.openqa.selenium.support.ui.WebDriverWait;
import org.testng.annotations.Test;
import org.openqa.selenium.support.ui.FluentWait;
import io.appium.java_client.android.AndroidDriver;
public class TestSwiggyAppi {
AndroidDriver driver;
URL URL;
@Test
public void homeActivity() throws MalformedURLException {
URL = new URL("http://127.0.0.1:4723/wd/hub");
DesiredCapabilities caps = new DesiredCapabilities();
caps.setCapability("platformName", "Android");
caps.setCapability("platformVersion", "11");
caps.setCapability("appPackage", "in.swiggy.android");
caps.setCapability("appActivity", "in.swiggy.android.activities.HomeActivity");
caps.setCapability("UDID", "emulator-5554");
driver = new AndroidDriver(URL, caps);
System.out.println("open swiggy");
}
@Test
public void getStarted() {
try {
Thread.sleep(6500);
driver.findElement(By.id("in.swiggy.android:id/full_width_button_label")).click();
System.out.println("open otp tab");
} catch (InterruptedException e) {
// TODO Auto-generated catch block
e.printStackTrace();
}
}
@Test
public void enterPhoneNo() {
try {
Thread.sleep(2000);
driver.findElement(By
.xpath("//android.widget.LinearLayout[@content-desc=\"073385
49981\"]/android.widget.LinearLayout"))
.click();
System.out.println("PhonNo adding done");
} catch (InterruptedException e) {
// TODO Auto-generated catch block
e.printStackTrace();
}
}
@Test
public void getOTP() {
try {
Thread.sleep(2000);
driver.findElement(By.id("in.swiggy.android:id/loginButton")).click();
System.out.println("OTP genarate successfull");
} catch (InterruptedException e) {
```

```java
			// TODO Auto-generated catch block
			e.printStackTrace();
		}
		// enter OTP manually
		try {
			Thread.sleep(30000);
			driver.findElement(By.xpath("//android.view.ViewGroup[@content-
desc=\"Continue,Button\"]")).click();
		} catch (InterruptedException e) {
			// TODO Auto-generated catch block
			e.printStackTrace();
		}
	}
	@Test
	public void addLocation() {
		try {
			Thread.sleep(3000);
			driver.findElement(By.id("in.swiggy.android:id/search_loc_button")).click();
		} catch (InterruptedException e) {
			// TODO Auto-generated catch block
			e.printStackTrace();
		}
		try {
			Thread.sleep(3000);
			driver.findElement(By.id("in.swiggy.android:id/search_query_edittext")).sendKeys("marthahall
i bangalore");
		} catch (InterruptedException e) {
			// TODO Auto-generated catch block
			e.printStackTrace();
		}
		try {
			Thread.sleep(3000);
			driver.findElement(By.id("in.swiggy.android:id/tv_area_name")).click();
			System.out.println("Location adding successfull");
		} catch (InterruptedException e) {
			// TODO Auto-generated catch block
			e.printStackTrace();
		}
	}
	@Test
	public void serchDish() {
		try {
			Thread.sleep(14000);
			driver.findElement(By.id("in.swiggy.android:id/search_bar")).click();
			System.out.println("serching");
		} catch (InterruptedException e1) {
			// TODO Auto-generated catch block
			e1.printStackTrace();
		}
		//
		try {
			Thread.sleep(3000);
			driver.findElement(By.id("in.swiggy.android:id/et_search_query_v2")).sendKeys("Chiken
Biryani");
			System.out.println("serch dish success");
		} catch (InterruptedException e) {
			// TODO Auto-generated catch block
			e.printStackTrace();
		}
	}
	@Test
	public void selectItems() {
		try {
			Thread.sleep(5000);
```

```java
driver.findElement(By.id("in.swiggy.android:id/container")).click();
System.out.println("items genarate");
} catch (InterruptedException e) {
// TODO Auto-generated catch block
e.printStackTrace();
}
}
@Test
public void addCart() {
try {
Thread.sleep(13000);
driver.findElement(By.id("in.swiggy.android:id/quantity_text_1")).click();
// System.out.println("adding cart successfull");
} catch (InterruptedException e) {
// TODO Auto-generated catch block
e.printStackTrace();
}
try {
Thread.sleep(3000);
driver.findElement(By.className("android.widget.Button")).click();
System.out.println("adding cart successfull");
} catch (InterruptedException e) {
// TODO Auto-generated catch block
e.printStackTrace();
}
}
@Test
public void checkOutbox() {
try {
Thread.sleep(5000);
driver.findElement(By.id("in.swiggy.android:id/checkoutContainer")).click();
System.out.println("checkout done");
} catch (InterruptedException e) {
// TODO Auto-generated catch block
e.printStackTrace();
}
// try {
// Thread.sleep(5000000);
// } catch (InterruptedException e) {
// // TODO Auto-generated catch block
// e.printStackTrace();
// }
driver.close();
}
}
```

# POM.xml file

```xml
<project xmlns="http://maven.apache.org/POM/4.0.0"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/xsd/maven-
4.0.0.xsd">
<modelVersion>4.0.0</modelVersion>
<groupId>com.text.maven</groupId>
<artifactId>TestSwiggyAppi</artifactId>
<version>0.0.1-SNAPSHOT</version>
<dependencies>
<dependency>
<groupId>io.appium</groupId>
<artifactId>java-client</artifactId>
<version>8.3.0</version>
</dependency>
<!-- https://mvnrepository.com/artifact/org.seleniumhq.selenium/selenium-java -->
<dependency>
<groupId>org.seleniumhq.selenium</groupId>
<artifactId>selenium-java</artifactId>
<version>4.7.2</version>
</dependency>
<!-- https://mvnrepository.com/artifact/org.testng/testng -->
<dependency>
<groupId>org.testng</groupId>
<artifactId>testng</artifactId>
<version>7.7.1</version>
<scope>test</scope>
</dependency>
</dependencies>
<build>
<plugins>
<plugin>
<groupId>org.apache.maven.plugins</groupId>
<artifactId>maven-surefire-plugin</artifactId>
<version>3.0.0-M8</version>
<configuration>
<systemPropertyVariables>
<propertyName>firefox</propertyName>
</systemPropertyVariables>
</configuration>
</plugin>
<plugin>
<groupId>org.apache.maven.plugins</groupId>
<artifactId>maven-compiler-plugin</artifactId>
<version>3.10.1</version>
<configuration>
<source>1.8</source>
<target>1.8</target>
</configuration>
</plugin>
</plugins>
</build>
</project>
```

# TestNg.xml file

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE suite SYSTEM "https://testng.org/testng-1.0.dtd">
<suite parallel="false" name="Suite">
<test name="Test">
<classes>
<class name="com.SwiggyApi.MainClass"/>
<class name="com.SwiggyApi.TestSwiggyAppi"/>
</classes>
</test> <!-- Test -->
</suite> <!-- Suite -->
```