

PFA day 10 test case:

Process	Steps To Execute	Expected Results
Add customer	1. Check for the total count of records in DB 2. Navigate onto user page and SignUp with valid credentials	New customer details should be added to the DB and the record count should be increased by 1

Solution:

I have used existing java file “**UserPage.java**”.

```
package com.ibm.pages;

import java.io.FileInputStream;
import java.io.FileNotFoundException;
import java.io.IOException;
import java.util.HashMap;
import java.util.List;
import java.util.Properties;
import java.util.concurrent.TimeUnit;

import org.junit.Assert;
import org.openqa.selenium.Alert;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.FindBy;
import org.openqa.selenium.support.PageFactory;
```

```
import org.openqa.selenium.support.ui.WebDriverWait;

import org.testng.Reporter;


import com.ibm.utilities.PropertiesFileHandler;


public class UserPage
{
    WebDriver driver;

    WebDriverWait wait;


    public UserPage(WebDriver driver,WebDriverWait wait)
    {
        this.driver=driver;

        this.wait=wait;

        PageFactory.initElements(driver,this);
    }


    public void launchUserPage () throws IOException, InterruptedException
    {

        String file="/TestData/magentodata.properties";


        PropertiesFileHandler propFileHandler = new PropertiesFileHandler();

        HashMap<String, String> data= propFileHandler.getPropertiesAsMap(file);
```

```
String userurl = data.get("userurl");

//WebDriverWait wait=new WebDriverWait(driver, 60);

driver.manage().window().maximize();

driver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);

driver.get(userurl);

}

public void verifytab() throws IOException, InterruptedException
{

String file="./TestData/magentodata.properties";

PropertiesFileHandler propFileHandler = new PropertiesFileHandler();

HashMap<String, String> data= propFileHandler.getPropertiesAsMap(file);

String userurl = data.get("userurl");

System.setProperty("webdriver.chrome.driver", "./drivers/chromedriver.exe");

WebDriver driver = new ChromeDriver();

WebDriverWait wait = new WebDriverWait(driver, 60);

driver.manage().window().maximize();

driver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);
```

```
driver.get(userurl);
```

```
Properties p = new Properties();
```

```
p.load(new FileInputStream("./TestData/magentodata.properties"));
```

```
String pagesource = driver.getPageSource();
```

```
if(pagesource.contains(p.getProperty("tabname")))
```

```
{
```

```
    System.out.println("The presence of tab name is confirmed on User page!");
```

```
    Assert.assertTrue(true);
```

```
}
```

```
else {
```

```
    System.out.println("The tab name doesn't exist on User page");
```

```
    Assert.fail();
```

```
}
```

```
}
```

```
//WebElement for link SignUp
```

```
@FindBy(xpath="//a[contains(text(),'SignUp')]")
```

```
WebElement signupEle;
```

```
//WebElement for field Full Name
```

```
@FindBy(xpath="//input[@id='name']")
```

```
WebElement nameEle;
```

```
//WebElement for field Phone Number
```

```
@FindBy(xpath="//input[@id='pnum']")
```

```
WebElement pnumEle;
```

```
//WebElement for field Password
```

```
@FindBy(xpath="//input[@id='password']")
```

```
WebElement pwdEle;
```

```
//WebElement for field Confirm Password
```

```
@FindBy(xpath="//input[@id='cpassword']")
```

```
WebElement cpwdEle;
```

```
//WebElement for checkbox Term & Conditions
```

```
@FindBy(xpath="//input[@id='tccheckbox']")
```

```
WebElement tccEle;
```

```
//WebElement for button SignUp
```

```
@FindBy(xpath="//button[@id='mem_signup']")
```

```
WebElement bsignupEle;
```

```
//WebElement for link My Account
```

```
@FindBy(xpath="//i[@class='flaticon-user-outline']][1]")
```

```
WebElement myacctEle;
```

```
//WebElement for link Logout
```

```
@FindBy(xpath="//a[contains(text(),'Log Out')]")
```

```
WebElement logoutEle;
```

```
//WebElement for link Login
```

```
@FindBy(xpath="//a[contains(text(),'Login')]")
```

```
WebElement loginlinkEle;
```

```
//WebElement for field Phone Number
```

```
@FindBy(xpath="//input[@id='pnum2']")
```

```
WebElement mobileEle;
```

```
//WebElement for field Password
```

```
@FindBy(xpath="//input[@id='pword2']")
```

```
WebElement passwordEle;
```

```
//WebElement for button Login
```

```
@FindBy(xpath="//button[@id='mem_login']")
```

```
WebElement loginbuttonEle;
```

```
//WebElement for field 1st Search
```

```
@FindBy(xpath="//input[@id='search-box']")
```

```
WebElement searchEle;
```

```
//WebElement for icon Add to Cart
```

```
@FindBy(xpath="//a[contains(text(),'Add To Cart')]")
```

```
WebElement addcartEle;
```

```
//WebElement for icon Cart
```

```
@FindBy(xpath="//p[@id='bigCart']")
```

```
WebElement cartEle;
```

```
//WebElement for icon Checkout
```

```
@FindBy(xpath="//a[contains(text(),'Check Out')]")
```

```
WebElement checkoutEle;
```

```
//WebElement for icon Continue to Payment
```

```
/* @FindBy(xpath="//a[@class='btn orange']")[1]")
```

```

        WebElement ctopaymentEle;*/

//WebElement for icon Confirm Orders

        @FindBy(xpath="//a[@id='confirm-order-id']")

        WebElement corderEle;

//WebElement for icon My Order

        @FindBy(xpath="//a[contains(text(),'My Orders')])[2]")

        WebElement myorderEle;

//WebElement for Customer name on My Order

        @FindBy(xpath="//*[@class='table table-bordered table-hover']/tbody/tr/td[2]")

        WebElement custnameEle;


public void clickOnLinkSignUp()

{

        signupEle.click();

}

public void enterFullName(String fullname)

{

        nameEle.sendKeys(fullname);

}

public void enterPhoneNo(String pno)

{

        pnumEle.sendKeys(pno);

}

public void enterPassword(String cpassword)

{

```

```
        pwdEle.sendKeys(cpassword);
    }

    public void enterConfirmPassword(String conpassword)
    {
        cpwdEle.sendKeys(conpassword);
    }

    public void clickOnTermCondition()
    {
        tccEle.click();
    }

    public void clickOnButtonSignUp()
    {
        bsignupEle.click();
    }

    public void clickOnAlertBox()
    {
        Alert alertBox = driver.switchTo().alert();
        String alertmsg = alertBox.getText();
        System.out.println(alertmsg);
        alertBox.accept();
    }

    public void clickOnLogout()
    {
        myacctEle.click();
        logoutEle.click();
    }
}
```



```
}

public void clickOnLinkLogin()
{
    loginlinkEle.click();
}

public void enterMobileNo(String cpno)
{
    mobileEle.sendKeys(cpno);
}

public void enterUserPassword(String cpassword)
{
    passwordEle.sendKeys(cpassword);
}

public void clickOnButtonLogin()
{
    loginbuttonEle.click();
}

public void performSearch() throws InterruptedException
{
    //driver.findElement(By.xpath("//*[@placeholder='Search for
products...']")[1])).click();

    searchEle.click();

    Thread.sleep(3000);

    driver.findElement(By.xpath("//*[@placeholder='Search for
products...']")[2])).sendKeys("rice");
```

```
Thread.sleep(3000);

List<WebElement> searchProductLinks=
driver.findElements(By.xpath("//*[@id='searchproducts-div']/a"));

int linkCount=searchProductLinks.size();

System.out.println(linkCount);

Reporter.log("Links available"+ linkCount);

if(linkCount != 0)
{
    System.out.println("Product Available");
    Reporter.log("Product Available");
}

WebElement orangeRiceEle=null;

for(WebElement link : searchProductLinks)
{
    System.out.println(link.getText());
    if(link.getText().toLowerCase().contains("orange"))
    {
        orangeRiceEle=link;
    }
}

Thread.sleep(5000);

orangeRiceEle.click();

}

public void clickOnAddToCart()
{
```

```
        addcartEle.click();
    }

    public void clickOnCart()
    {
        cartEle.click();
    }

    public void clickOnCheckout()
    {
        checkoutEle.click();
    }

    public void clickOnContinuePayment()
    {
        driver.findElement(By.xpath("//input[@id='pincode']")).click();
        driver.findElement(By.xpath("//a[@class='btn orange'][1]")).click();
    }

    public void clickOnConfirmOrder()
    {
        driver.findElement(By.xpath("//input[@id='tc']")).click();
        corderEle.click();
    }

    public void clickOnMyOrder()
    {
        myorderEle.click();
    }

    public void validationOnOrder() throws FileNotFoundException, IOException
```

```

        {

            Properties p = new Properties();

            p.load(new FileInputStream("./TestData/magentodata.properties"));

            String customername = custnameEle.getText();

            if(customername.equalsIgnoreCase(p.getProperty("fullname"))) {

                System.out.println("The placed order is available on the list!");

                Assert.assertTrue(true);

            }

            else {

                System.out.println("The placed order is not available on the list!");

                Assert.fail();

            }

        }

    }

}

```

Created new file “**DBUtil.java**”

```

package com.ibm.utilities;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;

```

```
public class DBUtil {

    public int countQuery(String query) throws SQLException

    {

        int count=0;

        Connection con =
DriverManager.getConnection("jdbc:mysql://foodsonfinger.com:3306/foodsonfinger_atozgroceries",
"foodsonfinger_atoz", "welcome@123");

        Statement s = con.createStatement();

        ResultSet rs = s.executeQuery(query);

        if(rs.next())

        {

            count = rs.getInt(1);

        }

        return count;

    }

    public String singleDataQuery(String query) throws SQLException

    {

        String text=null;

        Connection con =
DriverManager.getConnection("jdbc:mysql://foodsonfinger.com:3306/foodsonfinger_atozgroceries",
"foodsonfinger_atoz", "welcome@123");

        Statement s = con.createStatement();

        ResultSet rs = s.executeQuery(query);

        if(rs.next())

        {
```

```

        text = rs.getString(1);

    }

    return text;

}

public static Object[] lineDataQuery(String query,int[] cols) throws SQLException
{

    Object[] data = new Object[cols.length];

    Connection con =
DriverManager.getConnection("jdbc:mysql://foodsonfinger.com:3306/foodsonfinger_atozgroceries",
"foodsonfinger_atoz", "welcome@123");

    Statement s = con.createStatement();

    ResultSet rs = s.executeQuery(query);

    int i=0;

    if(rs.next())
    {

        for(int col:cols)

        {

            data[i] = rs.getObject(col);

            i++;

        }

    }

    return data;

}

}

```

Updated existing file “BaseTest.java”

```
package com.ibm.test;

import java.io.FileInputStream;
import java.io.IOException;
import java.sql.SQLException;
import java.util.HashMap;
import java.util.concurrent.TimeUnit;

import org.apache.poi.xssf.usermodel.XSSFCell;
import org.apache.poi.xssf.usermodel.XSSFRow;
import org.apache.poi.xssf.usermodel.XSSFSheet;
import org.apache.poi.xssf.usermodel.XSSFWorkbook;
import org.junit.Assert;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.ui.WebDriverWait;
import org.testng.annotations.Test;
import com.ibm.pages.AdminPage;
import com.ibm.pages.BannerPage;
import com.ibm.pages.CouponPage;
import com.ibm.pages.CustomerPage;
import com.ibm.pages.DB;
import com.ibm.pages.LoginPage;
import com.ibm.pages.ProductPage;
import com.ibm.pages.ReturnPage;
import com.ibm.pages.ShippingPage;
import com.ibm.pages.TabPage;
import com.ibm.pages.UserPage;
import com.ibm.utilities.DBUtil;
import com.ibm.utilities.PropertiesFileHandler;

public class BaseTest {

    // @Test
    public void Day1Testcase() throws IOException, InterruptedException
    {

        String file="./TestData/magentodata.properties";

        PropertiesFileHandler propFileHandler = new PropertiesFileHandler();
        HashMap<String, String> data= propFileHandler.getPropertiesAsMap(file);

        String url = data.get("url");
        String email = data.get("email");
        String password = data.get("password");
        String expectedTitle = data.get("expectedtitle");

        System.setProperty("webdriver.chrome.driver",
"./drivers/chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        WebDriverWait wait=new WebDriverWait(driver, 60);
        driver.manage().window().maximize();
    }
}
```

```

        driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
        driver.get(url);

        LoginPage login = new LoginPage(driver);
        login.enterEmailAddress(email);
        login.enterPassword(password);
        login.clickOnLogin();

        AdminPage apage=new AdminPage(driver, wait);
        String actualTitle=apage.getCurrentTitle();

        if(actualTitle.equals(expectedTitle))
        {
            System.out.println("Test Passed");
            propFileHandler.setKeyAndValue(file, "TestResult", "Test
Passed");
        }
        else
        {
            System.out.println("Test failed");
            propFileHandler.setKeyAndValue(file, "TestResult", "Test
Failed");
        }

        BannerPage bpage=new BannerPage(driver, wait);
        bpage.addBanner();

        apage.clickOnLogOut();

        driver.close();
    }

    // @Test
    public void Day2Testcase() throws IOException, InterruptedException
    {

        String file="./TestData/magentodata.properties";

        PropertiesFileHandler propFileHandler = new PropertiesFileHandler();
        HashMap<String, String> data= propFileHandler.getPropertiesAsMap(file);

        String url = data.get("url");
        String email = data.get("email");
        String password = data.get("password");
        String couponname = data.get("couponname");
        String code = data.get("code");
        String discount = data.get("discount");
        String amount = data.get("amount");
        String startdate = data.get("startdate");
        String enddate = data.get("enddate");
        String usespercoupon = data.get("usespercoupon");
        String usespercustomer = data.get("usespercustomer");
        //String expectedcouponmessage = data.get("expectedcouponmessage");
    }

```



```

        System.setProperty("webdriver.chrome.driver",
"./drivers/chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        WebDriverWait wait=new WebDriverWait(driver, 60);
        driver.manage().window().maximize();
        driver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);
        driver.get(url);

        LoginPage login = new LoginPage(driver);
        login.enterEmailAddress(email);
        login.enterPassword(password);
        login.clickOnLogin();

        AdminPage apage=new AdminPage(driver, wait);
        CouponPage coupon = new CouponPage(driver, wait);
        coupon.clickOnLinkMarketing();
        coupon.clickOnLinkCoupons();
        coupon.clickOnIconAddNew();
        coupon.enterCode(code);
        coupon.clickOnType();
        coupon.enterDiscount(discount);
        coupon.enterAmount(amount);
        coupon.enterStartDate(startdate);
        coupon.enterEndDate(enddate);
        coupon.enterUsesPerCoupon(usespercoupon);
        coupon.enterUsesPerCustomer(usespercustomer);
        coupon.clickOnStatus();
        coupon.enterCouponName(couponname);
        coupon.clickOnIconSave();
        Thread.sleep(2000);
        coupon.validationOnRecord();

        apage.clickOnLogOut();

        driver.close();
    }

// @Test
public void Day3Testcase() throws IOException, InterruptedException
{
    String file="./TestData/magentodata.properties";

    PropertiesFileHandler propFileHandler = new PropertiesFileHandler();
    HashMap<String, String> data= propFileHandler.getPropertiesAsMap(file);

    String url = data.get("url");
    String email = data.get("email");
    String password = data.get("password");
    String productname = data.get("productname");
    String metatitle = data.get("metatitle");
    String model = data.get("model");
    String gst = data.get("gst");
    String price = data.get("price");

```

```

        String specialdiscount = data.get("specialdiscount");
        //String discountprice = data.get("discountprice");
        String imagepath = data.get("imagepath");

        System.setProperty("webdriver.chrome.driver",
"./drivers/chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        WebDriverWait wait=new WebDriverWait(driver, 60);
        driver.manage().window().maximize();
        driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
        driver.get(url);

        LoginPage login = new LoginPage(driver);
        login.enterEmailAddress(email);
        login.enterPassword(password);
        login.clickOnLogin();

        AdminPage apage=new AdminPage(driver, wait);
        ProductPage pp = new ProductPage(driver, wait);
        pp.clickLinkCatalog();
        pp.clickOnLinkProducts();
        pp.clickOnIconAddNew();
        pp.enterMetaTitle(metatitle);
        pp.enterProductName(productname);
        pp.clickOnTabData();
        pp.enterModel(model);
        pp.enterGST(gst);
        pp.enterPrice(price);
        pp.enterSplDiscount(specialdiscount);
        //pp.enterDiscountPrice(discountprice);
        pp.clickOnTabLink();
        pp.selectFromTabs();
        pp.selectCategories();
        pp.clickOnTabImage();
        pp.enterImage(imagepath);
        pp.clickOnIconSave();
        Thread.sleep(2000);
        pp.validationOnRecord();

        apage.clickOnLogOut();

        driver.close();
    }

    // @Test
    public void Day4Testcase() throws IOException, InterruptedException
    {

        String file="./TestData/magentodata.properties";

        PropertiesFileHandler propFileHandler = new PropertiesFileHandler();
        HashMap<String, String> data= propFileHandler.getPropertiesAsMap(file);

        String url = data.get("url");
    }

```

```

        String email = data.get("email");
        String password = data.get("password");
        String returnactionname = data.get("returnactionname");

        System.setProperty("webdriver.chrome.driver",
"./drivers/chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        WebDriverWait wait=new WebDriverWait(driver, 60);
        driver.manage().window().maximize();
        driver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);
        driver.get(url);

        LoginPage login = new LoginPage(driver);
        login.enterEmailAddress(email);
        login.enterPassword(password);
        login.clickOnLogin();

        AdminPage apage=new AdminPage(driver, wait);
        ReturnPage rp = new ReturnPage(driver, wait);
        rp.clickOnLinkSystem();
        rp.clickOnLinkReturns();
        Thread.sleep(2000);
        rp.clickOnLinkRetActions();
        rp.clickOnAction();
        rp.clickOnEdit();
        rp.enterReturnActionName(returnactionname);
        rp.clickOnIconSave();
        rp.validationOnRecord();

        apage.clickOnLogOut();

        driver.close();
    }

    // @Test
    public void Day5Testcase() throws IOException, InterruptedException
    {

        String file="./TestData/magentodata.properties";

        PropertiesFileHandler propFileHandler = new PropertiesFileHandler();
        HashMap<String, String> data= propFileHandler.getPropertiesAsMap(file);

        String url = data.get("url");
        String email = data.get("email");
        String password = data.get("password");
        String expectedpincoedmessage = data.get("expectedpincoedmessage");

        System.setProperty("webdriver.chrome.driver",
"./drivers/chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        WebDriverWait wait=new WebDriverWait(driver, 60);
        driver.manage().window().maximize();
        driver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);

```

```

        driver.get(url);

        LoginPage login = new LoginPage(driver);
        login.enterEmailAddress(email);
        login.enterPassword(password);
        login.clickOnLogin();

        AdminPage apage=new AdminPage(driver, wait);
        ShippingPage sp = new ShippingPage(driver, wait);
        sp.clickOnLinkSystem();
        sp.clickOnLinkShipping();
        sp.clickOnLinkShippingPincode();
        sp.clickOnAction();
        sp.clickOnEdit();
        sp.clearPincode();
        sp.clickOnIconSave();
        sp.getHeaderMessage();
        String actualpincodeessage = sp.validationOnMissingField();
        Assert.assertEquals(expectedpincodeessage, actualpincodeessage);

        apage.clickOnLogOut();

        driver.close();
    }

    // @Test
    public void Day6Testcase() throws IOException, InterruptedException
    {

        /*String file="./TestData/magentodata.properties";
        PropertiesFileHandler propFileHandler = new PropertiesFileHandler();
        HashMap<String, String> data=
propFileHandler.getPropertiesAsMap(file);*/

        /*String url = data.get("url");
        String email = data.get("email");
        String password = data.get("password");
        String tabname = data.get("tabname");
        String sortorder = data.get("sortorder");*/

        //Location of Excel file
        FileInputStream excelfile = new
FileInputStream("./TestData/TestData.xlsx");
        //Open Excel file
        XSSFWorkbook book = new XSSFWorkbook(excelfile);
        //1st sheet on workbook - LoginData
        XSSFSheet logindata = book.getSheet("LoginData");
        //Row
        XSSFRow loginrow = logindata.getRow(1);
        //Cell
        XSSFCell ul = loginrow.getCell(0);
        XSSFCell em = loginrow.getCell(1);
        XSSFCell pw = loginrow.getCell(2);

        String url = ul.getStringCellValue();

```

```

        String email = em.getStringCellValue();
        String password = pw.getStringCellValue();

        //2nd sheet on workbook - Tabs
        XSSFSheet tabs = book.getSheet("Tabs");
        //Row
        XSSFRow row = tabs.getRow(1);
        //Cell
        XSSFCell tn = row.getCell(0);
        XSSFCell so = row.getCell(1);

        String tabname = tn.getStringCellValue();
        String sortorder = so.getStringCellValue();

        System.setProperty("webdriver.chrome.driver",
"./drivers/chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        WebDriverWait wait=new WebDriverWait(driver, 60);
        driver.manage().window().maximize();
        driver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);
        driver.get(url);

        LoginPage login = new LoginPage(driver);
        login.enterEmailAddress(email);
        login.enterPassword(password);
        login.clickOnLogin();

        AdminPage apage=new AdminPage(driver, wait);
        TabPage tp = new TabPage(driver, wait);
        tp.clickOnLinkCatalog();
        tp.clickOnLinkTabs();
        tp.clickOnIconAddNew();
        tp.enterTabName(tabname);
        tp.enterSortOrder(sortorder);
        tp.selectStatus();
        tp.clickOnIconSave();
        Thread.sleep(2000);
        tp.validationOnRecord();

        UserPage up = new UserPage (driver, wait);
        up.verifytab();

        book.close();

        apage.clickOnLogOut();

        driver.close();
        System.out.println("End of program!");
    }

    // @Test
    public void Day7Testcase() throws IOException, InterruptedException
    {
        String file="./TestData/magentodata.properties";

```

```

PropertiesFileHandler propFileHandler = new PropertiesFileHandler();
HashMap<String, String> data= propFileHandler.getPropertiesAsMap(file);

String userurl = data.get("userurl");
String fullname = data.get("fullname");
String pno = data.get("pno");
String cpassword = data.get("cpassword");
String confpassword = data.get("confpassword");
String cpno = data.get("cpno");
String cemail = data.get("cemail");
String caddress = data.get("caddress");
String ccity = data.get("ccity");
String cpincode = data.get("cpincode");
String IPaddress = data.get("IPaddress");

System.setProperty("webdriver.chrome.driver",
"./drivers/chromedriver.exe");
WebDriver driver = new ChromeDriver();
WebDriverWait wait=new WebDriverWait(driver, 60);
driver.manage().window().maximize();
driver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);
driver.get(userurl);

AdminPage apage=new AdminPage(driver, wait);
UserPage up = new UserPage(driver, wait);
up.clickOnLinkSignUp();
up.enterFullName(fullname);
up.enterPhoneNo(pno);
up.enterPassword(cpassword);
up.enterConfirmPassword(confpassword);
up.clickOnTermCondition();
up.clickOnButtonSignUp();
Thread.sleep(2000);
up.clickOnAlertBox();
up.clickOnLogout();

CustomerPage custp = new CustomerPage(driver, wait);
apage.launchAdminPage();
custp.clickOnLinkCustomer();
Thread.sleep(2000);
custp.clickOnAction();
custp.enterPhoneNumber(cpno);
custp.enterEmail(cemail);
custp.enterAddress(caddress);
custp.enterCity(ccity);
custp.enterPincode(cpincode);
custp.enterIPAddress(IPaddress);
custp.clickOnTopArrow();
Thread.sleep(2000);
custp.clickOnIconSave();
custp.validationOnRecord();
apage.clickOnLogOut();

up.launchUserPage();

```

```

        up.clickOnLinkLogin();
        up.enterMobileNo(cpno);
        up.enterUserPassword(cpassword);
        up.clickOnButtonLogin();
        up.clickOnLogout();
    }

// @Test
public void Day8Testcase() throws IOException, InterruptedException
{
    String file="./TestData/magentodata.properties";

    PropertiesFileHandler propFileHandler = new PropertiesFileHandler();
    HashMap<String, String> data= propFileHandler.getPropertiesAsMap(file);

    String userurl = data.get("userurl");
    String cpno = data.get("cpno");
    String cpasword = data.get("cpasword");

    System.setProperty("webdriver.chrome.driver",
"./drivers/chromedriver.exe");
    WebDriver driver = new ChromeDriver();
    WebDriverWait wait=new WebDriverWait(driver, 60);
    driver.manage().window().maximize();
    driver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);
    driver.get(userurl);

    UserPage up = new UserPage(driver, wait);
    up.clickOnLinkLogin();
    up.enterMobileNo(cpno);
    up.enterUserPassword(cpassword);
    up.clickOnButtonLogin();
    Thread.sleep(3000);
    up.performSearch();
    up.clickOnAddToCart();
    up.clickOnCart();
    Thread.sleep(2000);
    up.clickOnCheckout();
    up.clickOnContinuePayment();
    Thread.sleep(2000);
    up.clickOnConfirmOrder();
    Thread.sleep(2000);
    up.clickOnMyOrder();
    up.validationOnOrder();

}

// @Test
public void Day9Testcase() throws IOException, InterruptedException,
SQLException
{
    /*String file="./TestData/magentodata.properties";
    PropertiesFileHandler propFileHandler = new PropertiesFileHandler();

```

```

        HashMap<String, String> data=
propFileHandler.getPropertiesAsMap(file);*/

        /*String url = data.get("url");
String email = data.get("email");
String password = data.get("password");
String tabname = data.get("tabname");
String sortorder = data.get("sortorder");*/

        //Location of Excel file
        FileInputStream excelfile = new
FileInputStream("./TestData/TestData.xlsx");
        //Open Excel file
        XSSFWorkbook book = new XSSFWorkbook(excelfile);
        //1st sheet on workbook - LoginData
        XSSFSheet logindata = book.getSheet("LoginData");
        //Row
        XSSFRow loginrow = logindata.getRow(1);
        //Cell
        XSSFCell ul = loginrow.getCell(0);
        XSSFCell em = loginrow.getCell(1);
        XSSFCell pw = loginrow.getCell(2);

        String url = ul.getStringCellValue();
        String email = em.getStringCellValue();
        String password = pw.getStringCellValue();

        //2nd sheet on workbook - Tabs
        XSSFSheet tabs = book.getSheet("Tabs");
        //Row
        XSSFRow row = tabs.getRow(1);
        //Cell
        XSSFCell tn = row.getCell(0);
        XSSFCell so = row.getCell(1);

        String tabname = tn.getStringCellValue();
        String sortorder = so.getStringCellValue();

        System.setProperty("webdriver.chrome.driver",
"./drivers/chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        WebDriverWait wait=new WebDriverWait(driver, 60);
        driver.manage().window().maximize();
        driver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);
        driver.get(url);

        LoginPage login = new LoginPage(driver);
        login.enterEmailAddress(email);
        login.enterPassword(password);
        login.clickOnLogin();

        AdminPage apage=new AdminPage(driver, wait);
        TabPage tp = new TabPage(driver, wait);
        tp.clickOnLinkCatalog();
        tp.clickOnLinkTabs();

```



```

        tp.clickOnIconAddNew();
        tp.enterTabName(tabname);
        tp.enterSortOrder(sortorder);
        tp.selectStatus();
        tp.clickOnIconSave();
        Thread.sleep(2000);
        tp.validationOnRecord();

        book.close();

        DB dbcon = new DB();
        dbcon.dbvalidation_tab();

        apage.clickOnLogOut();

        driver.close();
        System.out.println("End of program!");
    }

    @Test
    public void Day10Testcase() throws IOException, InterruptedException,
    SQLException
    {
        DBUtil db = new DBUtil();
        int expectedcount = db.countQuery("SELECT count(customer_id) from
as_customer");
        System.out.println("The total count of records in DB for Customers: "
+expectedcount);

        String file="./TestData/magentodata.properties";

        PropertiesFileHandler propFileHandler = new PropertiesFileHandler();
        HashMap<String, String> data= propFileHandler.getPropertiesAsMap(file);

        String userurl = data.get("userurl");
        String fullname = data.get("fullname");
        String pno = data.get("pno");
        String cpassword = data.get("cpassword");
        String confpassword = data.get("confpassword");

        System.setProperty("webdriver.chrome.driver",
"./drivers/chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        WebDriverWait wait=new WebDriverWait(driver, 60);
        driver.manage().window().maximize();
        driver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);
        driver.get(userurl);

        UserPage up = new UserPage(driver, wait);
        up.clickOnLinkSignUp();
        up.enterFullName(fullname);
        up.enterPhoneNo(pno);
        up.enterPassword(cpassword);
        up.enterConfirmPassword(confpassword);
    }

```

```

        up.clickOnTermCondition();
        up.clickOnButtonSignUp();
        Thread.sleep(2000);
        up.clickOnAlertBox();
//        up.clickOnLogout();

        String actualdata = db.singleDataQuery("SELECT name from as_customer
where pnum=9810098100");
        //System.out.println(actualdata);
        Assert.assertEquals(actualdata, "Rajendra Sahoo");

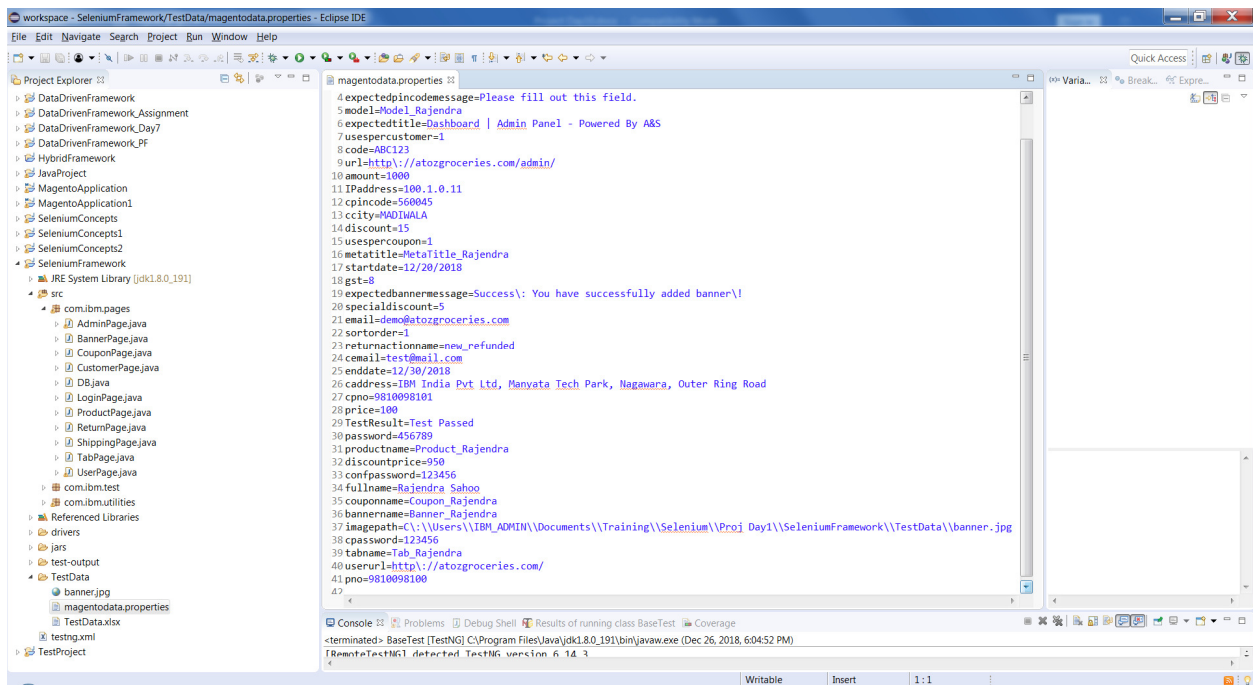
        int actualcount = db.countQuery("SELECT count(customer_id) from
as_customer");
        System.out.println("The total count of records in DB after creating new
Customer: " +actualcount);
        Assert.assertEquals(actualcount, expectedcount+1);
    }

    //excel data using dataprovder
    //run and check
    //sends data in excel one by one
    /*@Test(dataProvider = "data")
    public void testcase2(String user, String pwd){
        System.out.println(user);
        System.out.println(pwd);
    }

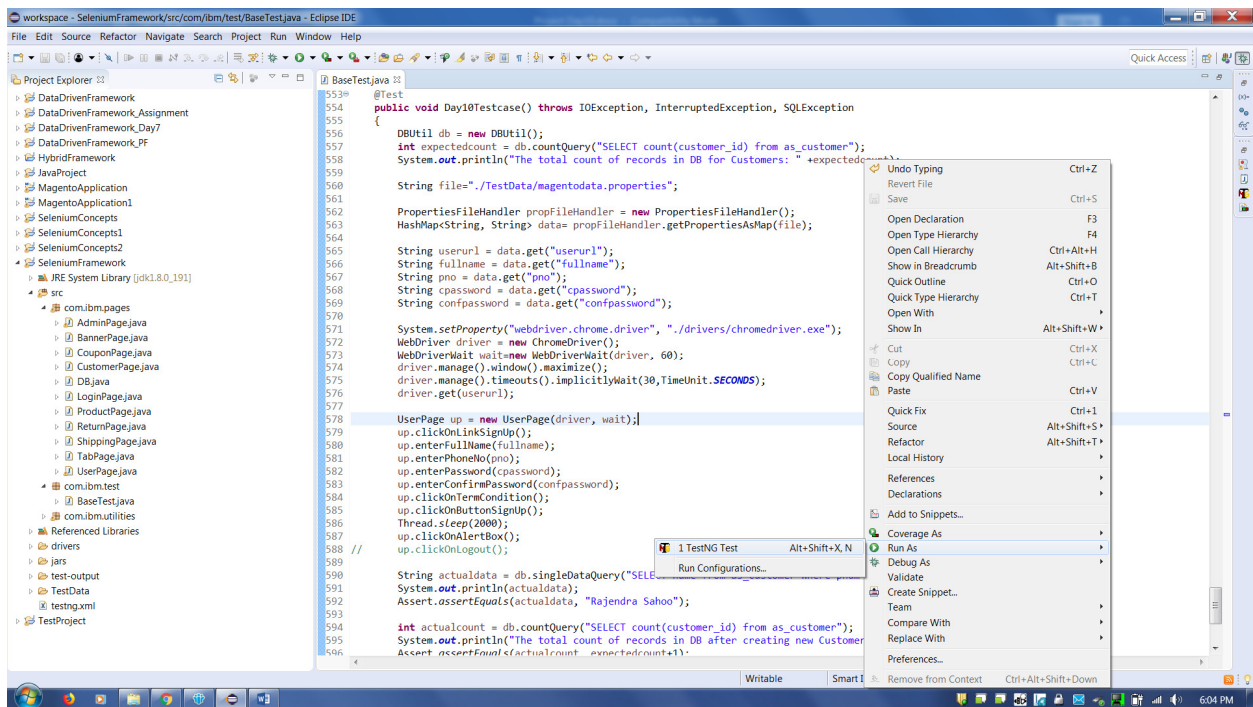
    @DataProvider(name="data")
    public Object[][] data() throws IOException {
        return ExcelUtil.DataTable("./TestData/TestData.xlsx","LoginData");
    }*/
}

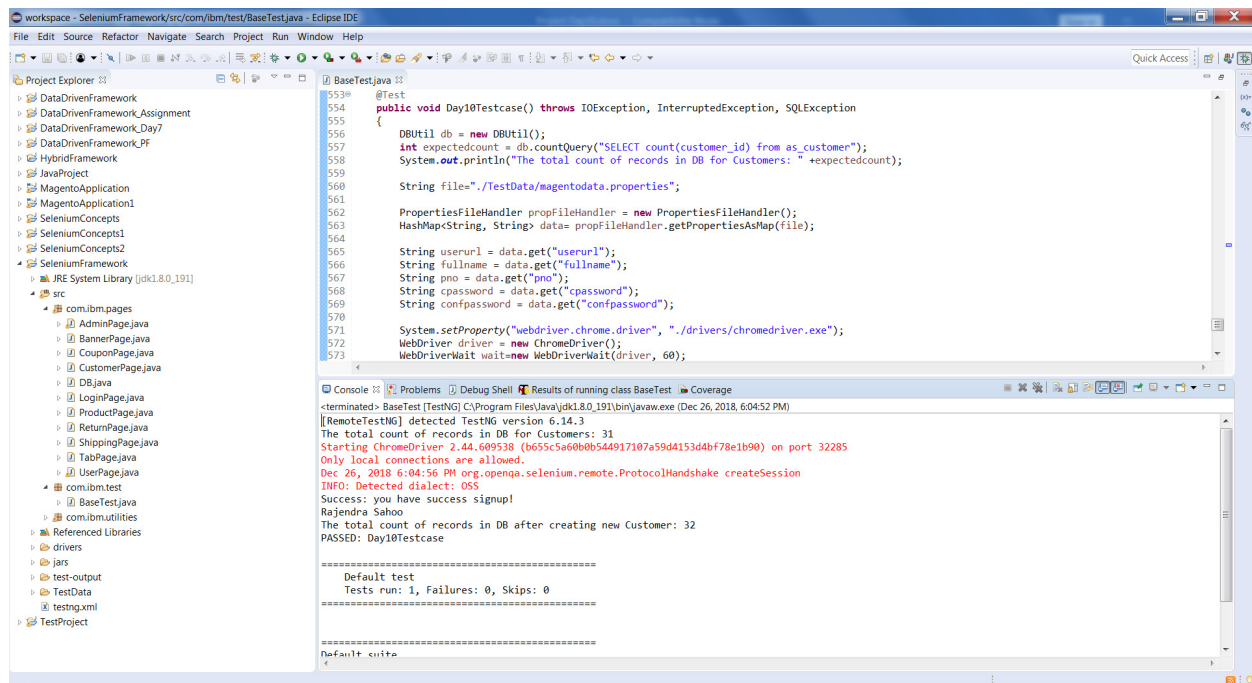
```

Data Properties file as below:



Output Screenshot:





[RemoteTestNG] detected TestNG version 6.14.3

The total count of records in DB for Customers: 31

Starting ChromeDriver 2.44.609538 (b655c5a60b0b544917107a59d4153d4bf78e1b90) on port 32285

Only local connections are allowed.

Dec 26, 2018 6:04:56 PM org.openqa.selenium.remote.ProtocolHandshake createSession

INFO: Detected dialect: OSS

Success: you have success signup!

Rajendra Sahoo

The total count of records in DB after creating new Customer: 32

PASSED: Day10Testcase

```
=====
Default test
Tests run: 1, Failures: 0, Skips: 0
=====
```

```
=====
Default suite
Total tests run: 1, Failures: 0, Skips: 0
=====
```

