PFA day 7 test case:

Process	Steps To Execute	Expected Results
	1. Sign up on User page (https://atozgroceries.com/)	
	2. Login to admin portal	1. Validate the
	3. Edit the phone number and fill the mandatory	presence of the
	fields under customer of admin tab and save	modified User
Sign up on user page and check for login after modification	4. Check whether the Edited user access the portal using the modified phone number and same password.	2. Verify the Modified user should access the portal

Solution:

Created a new java file as "Customer.java"



```
import com.ibm.utilities.PropertiesFileHandler;
public class CustomerPage {
       WebDriver driver;
       WebDriverWait wait;
       public CustomerPage(WebDriver driver, WebDriverWait wait)
       {
               this.driver=driver;
               this.wait=wait;
               PageFactory.initElements(driver,this);
       }
       //WebElement for link Customers
               @FindBy(xpath="//a[contains(text(), 'Customers')]")
               WebElement custEle;
       //WebElement for button Action
               @FindBy(xpath="(//button[contains(text(), 'Action')])[1]")
               WebElement actionEle;
       //WebElement for Edit
               @FindBy(xpath="//a[@title='Edit']")
               WebElement editEle;
       //WebElement for field Phone Number
               @FindBy(xpath="//input[@name='pnum']")
```

```
WebElement cpnoEle;
//WebElement for field Email
       @FindBy(xpath="//input[@name='email']")
       WebElement emailEle;
//WebElement for field Address
       @FindBy(xpath="//textarea[@name='address']")
       WebElement addEle;
//WebElement for field City
       @FindBy(xpath="//input[@name='city']")
       WebElement cityEle;
//WebElement for field Pincode
       @FindBy(xpath="//input[@name='pincode']")
       WebElement pincodeEle;
//WebElement for field IP Address
       @FindBy(xpath="//input[@name='ip']")
       WebElement ipaddEle;
//WebElement for icon Top Arrow
       @FindBy(xpath="//div[@id='toTop']")
       WebElement topEle;
//WebElement for icon Save
       @FindBy(xpath="//button[@title='Save']")
       WebElement saveEle;
public CustomerPage(WebDriver driver) {
       PageFactory.initElements(driver, this);
```

```
}
public void launchAdminPage() 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");
        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();
}
```

```
public void clickOnLinkCustomer()
       {
               custEle.click();
       }
       public void clickOnAction() throws IOException
       {
               String file="./TestData/magentodata.properties";
               PropertiesFileHandler propFileHandler = new PropertiesFileHandler();
               HashMap<String, String> data= propFileHandler.getPropertiesAsMap(file);
               String fullname = data.get("fullname");
               List<WebElement> rows=
driver.findElements(By.xpath("//table[@id='dataTableExample2']/tbody/tr"));
               int rowCount=rows.size();
               for(int i=1;i<=rowCount;i++)</pre>
               {
                       WebElement custnameEle=
       driver.findElement(By.xpath("//table[@id='dataTableExample2']/tbody/tr["+i+"]/td[2]"));
                       String custname = custnameEle.getText();
                       if(custname.equals(fullname))
                       {
                               WebElement actionEle =
driver.findElement(By.xpath("(//button[contains(text(), 'Action')])["+i+"]"));
                               actionEle.click();
                               editEle.click();
                               break;
```

```
}
       }
}
public void enterPhoneNumber(String cpno)
{
       cpnoEle.clear();
       cpnoEle.sendKeys(cpno);
}
public void enterEmail(String cemail)
{
       emailEle.sendKeys(cemail);
}
public void enterAddress(String caddress)
{
       addEle.sendKeys(caddress);
}
public void enterCity(String ccity)
{
       cityEle.sendKeys(ccity);
}
```

```
public void enterPincode(String cpincode)
{
        pincodeEle.sendKeys(cpincode);
}
public void enterIPAddress(String IPaddress)
{
        ipaddEle.sendKeys(IPaddress);
}
public void clickOnTopArrow()
{
        topEle.click();
}
public void clickOnIconSave()
{
        saveEle.click();
}
public void validationOnRecord() throws FileNotFoundException, IOException
{
        Properties p = new Properties();
        p.load(new FileInputStream("./TestData/magentodata.properties"));
```

```
String pagesource = driver.getPageSource();
        //System.out.println(pagesource);
        if(pagesource.contains(p.getProperty("cpno"))) {
                System.out.println("The presence of edited customer name is confirmed!");
        }
        else {
               System.out.println("The record is not edited on the Customer List");
        }
}
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);
}
}
```

Modified existing java file "User.java"

```
package com.ibm.pages;
import java.io.FileInputStream;
import java.io.IOException;
import java.util.HashMap;
import java.util.Properties;
import java.util.concurrent.TimeUnit;
import org.openqa.selenium.Alert;
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 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 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!");
       }
       else {
               System.out.println("The tab name doesn't exist on User page");
       }
}
//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;
       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 confpassword)
{
        cpwdEle.sendKeys(confpassword);
}
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();
}
```

Modified existing java file "BaseTest.java"

```
import java.io.FileInputStream;
import java.io.FileNotFoundException;
import java.io.IOException;
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.openqa.selenium.WebDriver;
import org.openga.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.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.PropertiesFileHandler;
import junit.framework.Assert;
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.clickOnlconAddNew();
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.enterPrice(price);
               pp.enterSplDiscount(specialdiscount);
               //pp.enterDiscountPrice(discountprice);
               pp.clickOnTabLink();
               pp.selectFromTabs();
               pp.selectCategories();
               pp.clickOnTabImage();
               pp.enterImage(imagepath);
               pp.clickOnlconSave();
               Thread.sleep(2000);
               pp.validationOnRecord();
               apage.clickOnLogOut();
               driver.close();
       }
//
        @Test
        public void Day4Testcase() throws IOException, InterruptedException
       {
               String file="./TestData/magentodata.properties";
```

pp.enterGST(gst);

```
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 expectedpincodemessage = data.get("expectedpincodemessage");
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 actualpincodemessage = sp.validationOnMisingField();
```

```
Assert.assertEquals(expectedpincodemessage, actualpincodemessage);
               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();
}
@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);
```

```
custp.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.clickOnlconSave();
custp.validationOnRecord();
apage.clickOnLogOut();
custp.launchUserPage();
up.clickOnLinkLogin();
up.enterMobileNo(cpno);
up.enterUserPassword(cpassword);
up.clickOnButtonLogin();
```

```
//excel data using dataprovider
     //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");
}*/
```

Eclipse console:

Total tests run: 1, Failures: 0, Skips: 0



