

PFA day 5 test case:

Process	Steps To Execute	Expected Results
Edit Shipping Pincode	1. Navigate to Systems section, shipping Option 2. Choose Shipping Pincode 3. Edit a new details and Save without giving pincode	1. Click the save icon and verify it is on the same page 2. Try to get the tooltip message "Please fill out this fields." and assert the message. Negative test case validation

Solution:

Created one new java file as "ShippingPage.java".

```
package com.ibm.pages;

import org.openqa.selenium.By;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.support.FindBy;
import org.openqa.selenium.support.PageFactory;
import org.openqa.selenium.support.ui.ExpectedConditions;
import org.openqa.selenium.support.ui.WebDriverWait;

public class ShippingPage {

    WebDriver driver;
    WebDriverWait wait;

    public ShippingPage(WebDriver driver,WebDriverWait wait)
    {
        this.driver=driver;
        this.wait=wait;
        PageFactory.initElements(driver,this);
    }

    //WebElement for link System
    @FindBy(xpath="//a[contains(text(),'System')]")
    WebElement systemEle;

    //WebElement for link Shipping
    @FindBy(xpath="//a[contains(text(),'Shipping')]")
    WebElement shipEle;

    //WebElement for link Shipping Pincode
    @FindBy(xpath="//a[contains(text(),'Shipping Pincode')]")
    WebElement spincodeEle;

    //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 Pincode
@FindBy(xpath="//input[@name='pincode']")
WebElement pincodeEle;

//WebElement for icon Save
@FindBy(xpath="//button[@title='Save']")
WebElement saveEle;

//WebElement for Header text
@FindBy(xpath="//div[@class='panel-title']")
WebElement hmessageEle;

public void clickOnLinkSystem()
{
    systemEle.click();
}

public void clickOnLinkShipping()
{
    shipEle.click();

    wait.until(ExpectedConditions.presenceOfElementLocated(By.xpath("//a[contains(
text(),'Shipping Pincode')]")));
}

public void clickOnLinkShippingPincode()
{
    spincodeEle.click();
}

public void clickOnAction()
{
    actionEle.click();
}

public void clickOnEdit()
{
    editEle.click();
}

public void clearPincode()
{
    pincodeEle.clear();
}

public void clickOnIconSave()
{
    saveEle.click();
}
```

```

        public void getHeaderMessage()
        {
            String header = hmessageEle.getText();
            System.out.println("The header of this page: " +header);
        }

        public String validationOnMisingField()
        {
            JavascriptExecutor js=(JavascriptExecutor) driver;
            String message = (String) js.executeScript("return
document.getElementsByName('pincode')[0].validationMessage;");
            System.out.println(message);
            return(message);
        }
    }
}

```

Modified existing java file "BaseTest.java"

```

package com.ibm.test;

import java.io.IOException;

import java.util.HashMap;

import java.util.concurrent.TimeUnit;

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.LoginPage;

import com.ibm.pages.ProductPage;

import com.ibm.pages.ReturnPage;

import com.ibm.pages.ShippingPage;

```

```
import com.ibm.utilities.PropertiesFileHandler;

import junit.framework.Assert;

public class BaseTest {

    @Test

    public void login() 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");

        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");

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");*/

//String returnactionname = data.get("returnactionname");

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


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();*/


/*CouponPage coupon = new CouponPage(driver);

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(5000);

coupon.validationOnRecord();*/

/*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(5000);  
pp.validationOnRecord();*/
```

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

```
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.validationOnMisingField();

        Assert.assertEquals(expectedpincodeessage, actualpincodeessage);

//        apage.clickOnLogOut();

//        driver.close();

        //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");

        }
    }
}

```

Modified file "magentodata.properties".

```
#Test Result
#Sat Dec 15 00:18:38 IST 2018
discountprice=950
productname=Product_Rajendra
code=ABC123
password=456789
couponname=Coupon_Rajendra
discount=15
model=Model_Rajendra
metatitle=MetaTitle_Rajendra
imagepath=C:\\Users\\IBM_ADMIN\\Documents\\Training\\Selenium\\Proj
Day1\\SeleniumFramework\\TestData\\banner.jpg
url=http://atozgroceries.com/admin/
TestResult=Test Passed
usespercoupon=1
amount=1000
expectedbannermessgae=Success\\: You have successfully added banner\\!
enddate=12/30/2018
email=demo@atozgroceries.com
gst=8
usespercustomer=1
price=100
bannername=Banner_Rajendra
specialdiscount=5
sortorder=1
expectedcouponmessage=Success\\: You have successfully added new coupon\\!
startdate=12/20/2018
expectedtitle=Dashboard | Admin Panel - Powered By A&S
returnactionname=new_refunded
expectedpincodemessgae=Please fill out this field.
```

The output of Eclipse console:

```
[RemoteTestNG] detected TestNG version 6.14.3
Starting ChromeDriver 2.44.609538 (b655c5a60b0b544917107a59d4153d4bf78e1b90) on port
18553
Only local connections are allowed.
Dec 17, 2018 11:28:36 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS
The header of this page: Edit Shipping Pincode
Please fill out this field.
PASSED: login
```

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

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

