

Hi,

PFB the test cases which needs to be done and submitted by the candidate in a single PDF file.

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

Solution:

Edited one java file as "ShippingPage.java".

```
package com.ibm.pages;

import org.junit.Assert;
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')])[1]")
    WebElement shipEle;
```

```

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

//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()
{
    spicodeEle.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();
        if (header.contains("Edit Shipping Pincode"))
        {
            System.out.println("The validation on Edit Shipping Pincode page
after clicking Save...");
            System.out.println("The header of this page: " +header);
            Assert.assertTrue(true);
        }
        else
        {
            Assert.fail();
        }
    }

    public String validationOnMissingField()
    {
        JavascriptExecutor js=(JavascriptExecutor) driver;
        String message = (String) js.executeScript("return
document.getElementsByName('pincode')[0].validationMessage;");
        System.out.println("The validation on error message without
entering data for field Pincode...");
        System.out.println("The error message as: " +message);
        return(message);
    }
}

```

Edited one java file as "ReturnPage.java".

```

package com.ibm.pages;

import java.io.FileInputStream;

import java.io.FileNotFoundException;

import java.io.IOException;

import java.util.Properties;

```

```
import org.junit.Assert;

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.WebDriverWait;


public class ReturnPage {

    WebDriver driver;

    WebDriverWait wait;


    public ReturnPage(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 Returns
```

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

```
WebElement returnEle;
```

```
//WebElement for link Return Statuses
```

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

```
WebElement retstatusEle;
```

```
//WebElement for link Return Actions
```

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

```
WebElement retactionEle;
```

```
//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 Return Status Name
```

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

```
WebElement retstatusnameEle;
```

```
//WebElement for Header text
```

```
@FindBy(xpath="//div[@class='panel-title']")
```

```
WebElement hmessageEle;
```

```
//WebElement for field Return Action Name
```

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

```
WebElement retactnameEle;
```

```
//WebElement for icon Save
```

```
@FindBy(xpath="//button[@title='Save']")
```

```
WebElement saveEle;
```

```
//WebElement for link Home
```

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

```
WebElement homeEle;
```

```
public void clickOnLinkHome()
```

```
{
```

```
    homeEle.click();
```

```
}
```

```
public void clickOnLinkSystem()
```

```
{
```

```
    systemEle.click();
```

```
}
```

```
public void clickOnLinkReturns()
```

```
{
```

```
    returnEle.click();
```

```
}
```

```
public void clickOnLinkRetStatuses()
```

```
{
```

```
    retstatusEle.click();
```

```
}
```

```
public void clickOnLinkRetActions()
```

```
{
```

```
    retactionEle.click();
```

```
}
```

```
public void clickOnAction()
```

```
{
```

```
    actionEle.click();
```

```
}
```

```
public void clickOnEdit()
```

```
{
```

```
    editEle.click();
```

```
}
```

```
public void clearReturnStatus()
```

```
{
```

```
    retstatusnameEle.clear();
```

```
}
```

```
public void enterReturnActionName(String returnactionname)
```

```
{
```

```
    retactnameEle.clear();
```

```
    retactnameEle.sendKeys(returnactionname);
```

```
}
```

```
public void clickOnIconSave()
```

```
{
```

```
    saveEle.click();
```

```
}
```

```
public void getHeaderMessage()
```

```
{
```

```
    String header = hmessageEle.getText();
```

```
    if (header.contains("Edit Return Status"))
```

```
    {
```

```
        System.out.println("The validation on Edit Return Status page after clicking  
Save...");
```

```
        System.out.println("The header of this page: " +header);
```

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

```
    }
```



```

        else
        {
            Assert.fail();
        }
    }

    public String validationOnMisingField()
    {
        JavascriptExecutor js=(JavascriptExecutor) driver;

        String message = (String) js.executeScript("return
document.getElementsByName('name')[0].validationMessage;");

        System.out.println("The validation on error message without entering data for
field Return Status Name...");

        System.out.println("The error message as: " +message);

        return(message);
    }

    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("returnactionname"))) {
            System.out.println("The presence of edited action name is confirmed!");
            Assert.assertTrue(true);
        }
        else {
            System.out.println("The action is not edited on the Return Actions
List");
            Assert.fail();
        }
    }
}

```

Edited java 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 ExtraTestcase() 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 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();

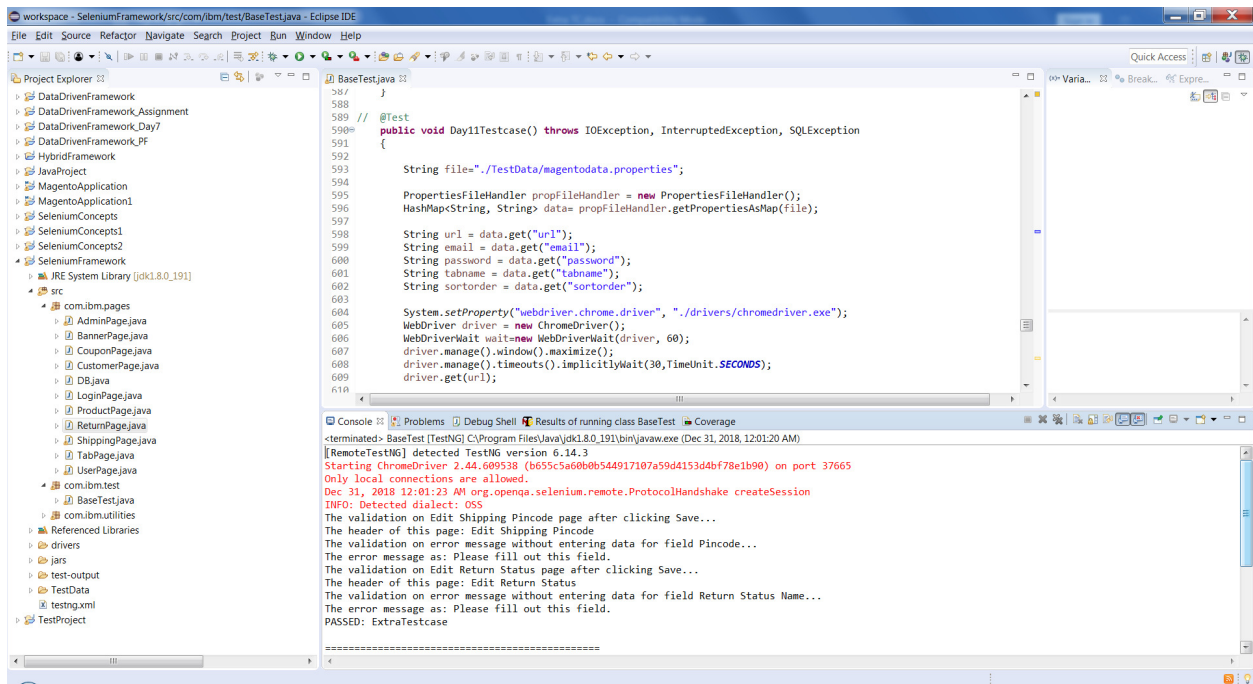
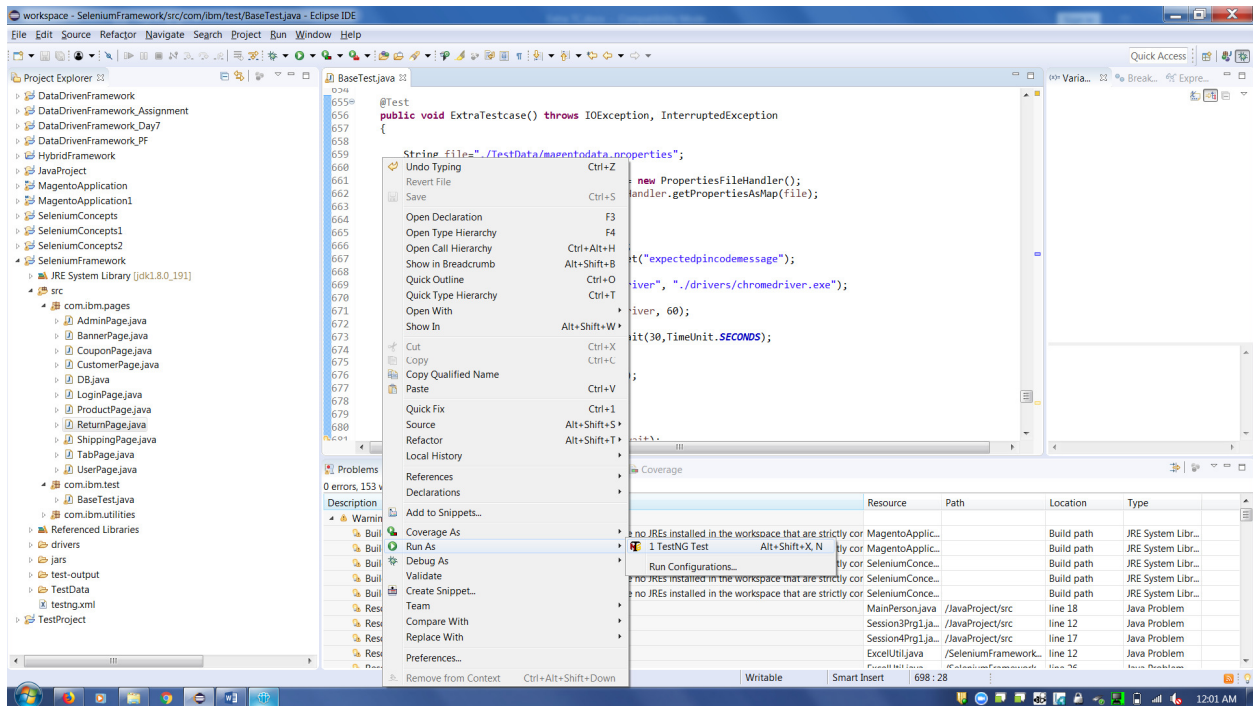
        AdminPage apage=new AdminPage(driver, wait);
        ShippingPage sp = new ShippingPage(driver, wait);
        sp.clickOnLinkSystem();
        Thread.sleep(1000);
        sp.clickOnLinkShipping();
        sp.clickOnLinkShippingPincode();
        sp.clickOnAction();
        sp.clickOnEdit();
        sp.clearPincode();
        sp.clickOnIconSave();
        sp.getHeaderMessage();
        String actualpincodeessage = sp.validationOnMisingField();
        Assert.assertEquals(expectedpincodeessage, actualpincodeessage);

        ReturnPage rp = new ReturnPage(driver, wait);
        rp.clickOnLinkHome();
        rp.clickOnLinkSystem();
        Thread.sleep(1000);
        rp.clickOnLinkReturns();
        Thread.sleep(1000);
        rp.clickOnLinkRetStatuses();
        rp.clickOnAction();
        rp.clickOnEdit();
        rp.clearReturnStatus();
        rp.clickOnIconSave();
        rp.getHeaderMessage();
        rp.validationOnMisingField();

        ap.clickOnLogOut();

        driver.close();
    }
}

```



Eclipse console:

[RemoteTestNG] detected TestNG version 6.14.3

Starting ChromeDriver 2.44.609538 (b655c5a60b0b544917107a59d4153d4bf78e1b90) on port 37665

Only local connections are allowed.

Dec 31, 2018 12:01:23 AM org.openqa.selenium.remote.ProtocolHandshake createSession  
INFO: Detected dialect: OSS

The validation on Edit Shipping Pincode page after clicking Save...

The header of this page: Edit Shipping Pincode

The validation on error message without entering data for field Pincode...

The error message as: Please fill out this field.

The validation on Edit Return Status page after clicking Save...

The header of this page: Edit Return Status

The validation on error message without entering data for field Return Status Name...

The error message as: Please fill out this field.

PASSED: ExtraTestcase

Default test

Tests run: 1, Failures: 0, Skips: 0

Default suite

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

