## PFA day 6 test case:

Process	Steps To Execute	Expected Results
	1. Login to admin portal	
	2. Add a new tab under catalog using	
	excel and dataprovider.	1. Verify the presence of tab under the tab list.
Add a	Note: Only top 3 will be displayed on	2. Verify the presence of added tab on the user page.
tab	user page	https://atozgroceries.com/

## Solution:

Created one new java as "TabPage.java" where excel file is used to read the data.

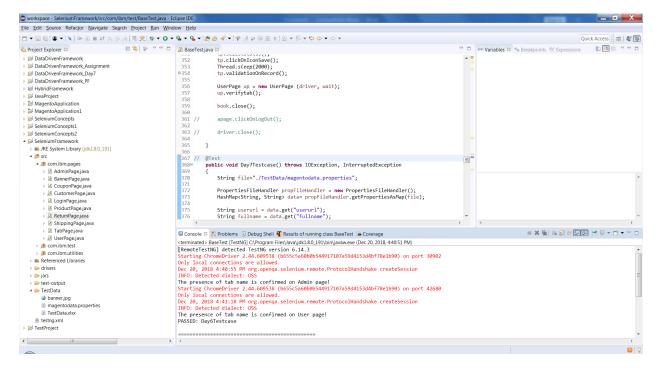


```
WebDriverWait wait;
       public TabPage(WebDriver driver, WebDriverWait wait)
       this.driver=driver;
       this.wait=wait;
       PageFactory.initElements(driver,this);
       }
//WebElement for link Catalog
               @FindBy(xpath="//a[contains(text(),'Catalog')]")
               WebElement catalogEle;
//WebElement for link Tabs
               @FindBy(xpath="//a[contains(text(),'Tabs')]")
               WebElement tabsEle;
//WebElement for icon Add New
               @FindBy(xpath="//a[@title='Add New']")
               WebElement addnewEle;
//WebElement for field Tab Name
               @FindBy(xpath="//input[@name='name']")
               WebElement tabnameEle;
```

```
//WebElement for field Sort
               @FindBy(xpath="//input[@name='sort']")
               WebElement sortEle;
//WebElement for field Status
               @FindBy(xpath="//select[@name='status']")
               WebElement statusddEle;
//WebElement for icon Save
               @FindBy(xpath="//button[@title='Save']")
               WebElement saveEle;
//This is a method to click on link Catalog on Admin page
               public void clickOnLinkCatalog()
               {
                       catalogEle.click();
               }
//This is a method to click on link Tabs under Catalog on Admin page
               public void clickOnLinkTabs()
                       tabsEle.click();
               }
//This is a method to click on icon Add New on Tabs List of Admin page
               public void clickOnIconAddNew()
               {
```

```
addnewEle.click();
                }
//This is a method to enter value on field Tab Name using properties file
                public void enterTabName(String tabname)
                {
                        tabnameEle.sendKeys(tabname);
                }
//This is a method to enter value on field Sort Order using properties file
                public void enterSortOrder(String sortorder)
                {
                        sortEle.sendKeys(sortorder);
                }
//This is a method to select value on field Status
                public void selectStatus()
                {
                        statusddEle.click();
                        Select statusEle = new Select(statusddEle);
                        statusEle.selectByVisibleText("Enabled");
                }
//This is a method to click on icon Save
                public void clickOnIconSave()
                {
                        saveEle.click();
                }
//This is a method to validate that record is inserted into the list
```

```
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("tabname"))) {
                                       System.out.println("The presence of tab name is confirmed on
Admin page!");
                               }
                               else {
                                       System.out.println("The tab name is not added to this list");
                               }
                       }
```



[RemoteTestNG] detected TestNG version 6.14.3

Starting ChromeDriver 2.44.609538 (b655c5a60b0b544917107a59d4153d4bf78e1b90) on port 30902

Only local connections are allowed.

Dec 20, 2018 4:40:55 PM org.openqa.selenium.remote.ProtocolHandshake createSession INFO: Detected dialect: OSS

The presence of tab name is confirmed on Admin page!

Starting ChromeDriver 2.44.609538 (b655c5a60b0b544917107a59d4153d4bf78e1b90) on port 42680

Only local connections are allowed.

Dec 20, 2018 4:41:18 PM org.openqa.selenium.remote.ProtocolHandshake createSession INFO: Detected dialect: OSS

The presence of tab name is confirmed on User page!

PASSED: Day6Testcase

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Default test

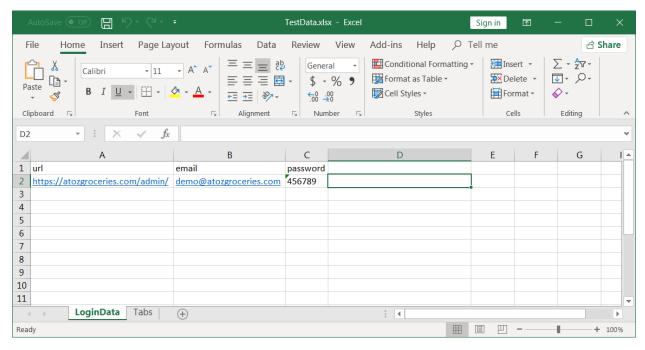
Tests run: 1, Failures: 0, Skips: 0

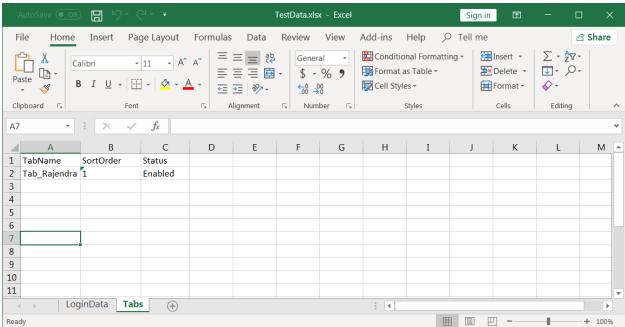
\_\_\_\_\_

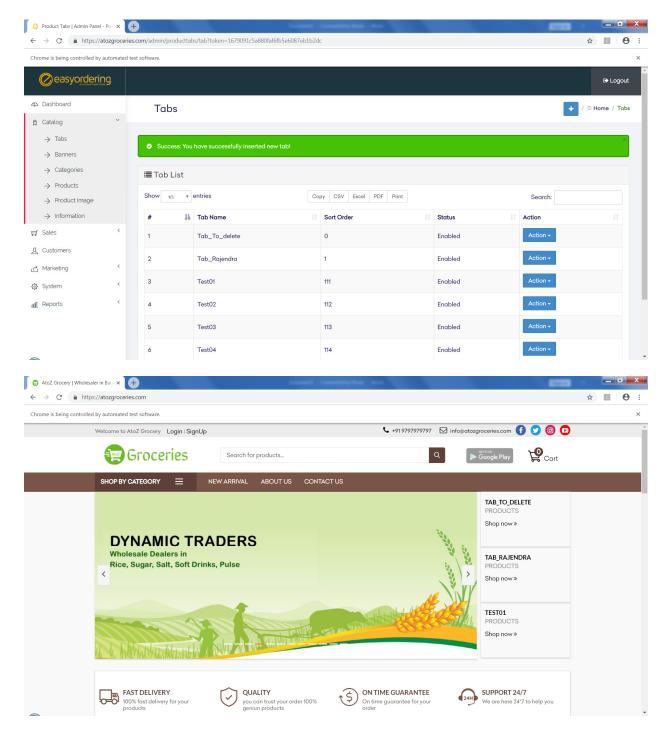
Default suite

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

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Created one new java as "TabPage.java" where properties file is used to read the data.

package com.ibm.pages;
import java.io.FileInputStream;

```
import java.io.FileNotFoundException;
import java.io.IOException;
import java.util.Properties;
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 TabPage {
       WebDriver driver;
       WebDriverWait wait;
               public TabPage(WebDriver driver, WebDriverWait wait)
       {
               this.driver=driver;
               this.wait=wait;
               PageFactory.initElements(driver,this);
       }
       //WebElement for link Catalog
                       @FindBy(xpath="//a[contains(text(),'Catalog')]")
                       WebElement catalogEle;
```

```
//WebElement for link Tabs
               @FindBy(xpath="//a[contains(text(),'Tabs')]")
               WebElement tabsEle;
//WebElement for icon Add New
               @FindBy(xpath="//a[@title='Add New']")
               WebElement addnewEle;
//WebElement for field Tab Name
               @FindBy(xpath="//input[@name='name']")
               WebElement tabnameEle;
//WebElement for field Sort
               @FindBy(xpath="//input[@name='sort']")
              WebElement sortEle;
//WebElement for field Status
               @FindBy(xpath="//select[@name='status']/option[2]")
              WebElement statusEle;
//WebElement for icon Save
               @FindBy(xpath="//button[@title='Save']")
               WebElement saveEle;
```

```
public void clickOnLinkCatalog()
        catalogEle.click();
}
public void clickOnLinkTabs()
        tabsEle.click();
}
public void clickOnlconAddNew()
{
        addnewEle.click();
}
public void enterTabName(String tabname)
{
        tabnameEle.sendKeys(tabname);
}
public void enterSortOrder(String sortorder)
{
        sortEle.sendKeys(sortorder);
}
```

```
statusEle.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("tabname"))) {
                                       System.out.println("The presence of tab name is confirmed on
Admin page!");
                               }
                               else {
                                       System.out.println("The tab name is not added to this list");
                               }
                       }
```

public void clickOnStatus()

}

Updated the java file "UserPage.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.openga.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openga.selenium.support.ui.WebDriverWait;
import org.testng.annotations.Test;
import com.ibm.utilities.PropertiesFileHandler;
public class UserPage
//
      @Test
      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");
```

```
}
}
```

Updated the java file "BaseTest.java"

```
package com.ibm.test;
import java.io.FileNotFoundException;
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.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.clickOnlconSave();
               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.clickOnlconSave();
       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 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");
```

```
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.clickOnStatus();
tp.clickOnIconSave();
tp.validationOnRecord();
apage.clickOnLogOut();
```

```
driver.close();

UserPage up = new UserPage ();

up.verifytab();

driver.quit();

}
```

Updated the file "magentodata.properties"

```
#Test Result
#Wed Dec 19 13:57:57 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/
userurl=http\://atozgroceries.com/
expectedpincodemessage=Please fill out this field.
TestResult=Test Passed
usespercoupon=1
amount=1000
expectedbannermessage=Success\: You have successfully added banner\!
enddate=12/30/2018
gst=8
email=demo@atozgroceries.com
usespercustomer=1
price=100
bannername=Banner_Rajendra
specialdiscount=5
tabname=Tab_Rajendra
sortorder=1
returnactionname=new refunded
expectedcouponmessage=Success\: You have successfully added new coupon\!
startdate=12/20/2018
```

## The output on Eclipse console:

[RemoteTestNG] detected TestNG version 6.14.3 Starting ChromeDriver 2.44.609538 (b655c5a60b0b544917107a59d4153d4bf78e1b90) on port 38649 Only local connections are allowed. Dec 19, 2018 9:50:30 PM org.openqa.selenium.remote.ProtocolHandshake createSession INFO: Detected dialect: OSS The presence of tab name is confirmed on Admin page! Starting ChromeDriver 2.44.609538 (b655c5a60b0b544917107a59d4153d4bf78e1b90) on port 22109 Only local connections are allowed. Dec 19, 2018 9:50:38 PM org.openqa.selenium.remote.ProtocolHandshake createSession INFO: Detected dialect: OSS The presence of tab name is confirmed on User page! PASSED: Day6Testcase \_\_\_\_\_ Default test Tests run: 1, Failures: 0, Skips: 0 \_\_\_\_\_ \_\_\_\_\_ Default suite Total tests run: 1, Failures: 0, Skips: 0 \_\_\_\_\_

