

PFA day 6 test case:

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

Solution:

Created one new java as "TabPage.java".

```
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 clickOnIconAddNew()
```

```
{
```

```
    addnewEle.click();
```

```
}
```

```
public void enterTabName(String tabname)
```

```
{
```

```
    tabnameEle.sendKeys(tabname);
```

```
}
```

```
public void enterSortOrder(String sortorder)
```

```
{
```

```
    sortEle.sendKeys(sortorder);
```

```
}
```

```
public void clickOnStatus()
```

```
{
```

```
    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");

        }

    }

}

```

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.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.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.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 expectedpinodemessage = data.get("expectedpinodemessage");

    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 actualpinodemessage = sp.validationOnMissingField();
```

```
Assert.assertEquals(expectedpinodemessage, actualpinodemessage);
```

```
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/
expectedpincode=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
expectedtitle=Dashboard | Admin Panel - Powered By A&S
```

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
=====
```

Product Tabs | Admin Panel - Po x

← → ↻ https://atozgroceries.com/admin/producttabs/tab?token=ecbcb87e4b5ce2fe28308fd9fa7baf3

Chrome is being controlled by automated test software.

Logout

Dashboard

Catalog

- Tabs
- Banners
- Categories
- Products
- Product Image
- Information

Sales

Customers

Marketing

System

Reports

Tabs

+

Home / Tabs

Success: You have successfully inserted new tab!

Tab List

Show 1n entries Copy CSV Excel PDF Print Search:


#	Tab Name	Sort Order	Status	Action
1	##AABB	1	Enabled	Action
2	##AABB	1	Disabled	Action
3	Tab_Rajendra	1	Enabled	Action
4	Tab_Rajendra	1	Enabled	Action
5	Test01	111	Enabled	Action
6	Test02	112	Enabled	Action

AtoZ Grocery | Wholesaler in Bar x

← → ↻ https://atozgroceries.com

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Welcome to AtoZ Grocery Login | SignUp +91 9700779924 contact@atozgroceries.com



Search for products...

Google Play


0 Cart

SHOP BY CATEGORY

NEW ARRIVAL

ABOUT US

CONTACT US




DYNAMIC TRADERS


Best Price @ Best Brands


##AABB
PRODUCTS
Shop now »


TAB_RAJENDRA
PRODUCTS
Shop now »

TAB_RAJENDRA
PRODUCTS
Shop now »

**FAST DELIVERY**
100% fast delivery for your products

**QUALITY**
you can trust your order 100% genuin products

**ON TIME GUARANTEE**
On time guarantee for your order

**SUPPORT 24/7**
We are here 24*7 to help you