Day_6

Test Case

Process	Steps To Execute	Expected Results
Delete a Category	1. Login to admin portal 2. Delete category	1. Validate the deleted category under category list 2. Verify the deleted category is not listed under "Shop By Category" on the user page. https://atozgroceries.com/

Steps followed to execute the test case:

➢ Login to the 'Admin' portal and Click on the 'Category' under 'Catalog' tab. Once it is opened a new record with name 'Test01' is added and then a navigation is done to 'User' page .

➢ Once navigated to user page click is made on 'Shop By category' and an 'assertequals' is used to compare data of property file and the category newly added to user page.

➢ As it matched again navigated to admin portal and the newly added record is deleted

➢ Once record is deleted in admin page and it is validated under the 'Shop by Category' whether it is present there or not.

Program code:

Base Test:

package com.ibm.test;

import java.io.File;

import java.io.IOException;

import java.sql.Date;

import java.util.ArrayList;

import java.util.HashMap;

import java.util.concurrent.TimeUnit;

import org.apache.commons.io.FileUtils;

import org.openqa.selenium.Alert;

import org.openqa.selenium.By;

import org.openqa.selenium.JavascriptExecutor;

```java
import org.openqa.selenium.Keys;

import org.openqa.selenium.OutputType;

import org.openqa.selenium.TakesScreenshot;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.interactions.Actions;

import org.openqa.selenium.support.ui.WebDriverWait;

import org.testng.Assert;

import org.testng.annotations.AfterMethod;

import org.testng.annotations.BeforeMethod;

import org.testng.annotations.BeforeSuite;

import org.testng.annotations.DataProvider;

import org.testng.annotations.Test;


import com.ibm.pages.AdminPage;

import com.ibm.pages.AdminPage1;

import com.ibm.pages.UserPage;

import com.ibm.utilities.ExcelUtil;

import com.ibm.utilities.PropertiesFileHandler;


public class BaseTest {

        WebDriver driver;

        WebDriverWait wait;

        PropertiesFileHandler propFIleHandler;

        HashMap<String, String> data;

        @BeforeSuite

        public void propertiesfile() throws IOException

        {
```

```java
        String file = "./TestData/data.properties";

                PropertiesFileHandler propFileHandler = new PropertiesFileHandler();

                data = propFileHandler.getPropertiesAsMap(file);

    }
    @BeforeMethod
    public void BrowserInitialization()
    {
            System.setProperty("webdriver.chrome.driver", "./drivers/chromedriver.exe");

            driver = new ChromeDriver();

            wait = new WebDriverWait(driver, 60);

            driver.manage().window().maximize();

            driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);

    }
    @Test
    public void DeleteAndCheckProductInUserPage() throws InterruptedException
    {
            String url = data.get("url");

            String userName = data.get("username");

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

            String name=data.get("Category");

            String tag=data.get("Tagtitle");

            String Error1=data.get("ErrorMessage");

            driver.get(url);

            //To Add a record in admin portal and then check it in user portal whether it is added or
not

            System.out.println("To Add a record in admin portal and then check it in user portal
whether it is added or not");

            AdminPage1 home = new AdminPage1(driver, wait);

            home.EnetrEmailAddress(userName);
```

```java
                home.EnetrPassword(password);

                home.ClickonLoginButton();

                home.ClickonCatalogTabButton();

                home.ClickonCategories();

                home.ClickonAddButton();

                home.EnterCategoryName(name);

                home.EnterTheTagTitle(tag);

                home.EnterTheSortOrder();

                home.EntertheStatus();

                home.ClickToGoTop();Thread.sleep(2000);

                home.ClickonTheSaveButton();

        driver.navigate().to("https://atozgroceries.com");

                UserPage user=new UserPage(driver,wait);

                user.ClickonShopByCategory(); Thread.sleep(2000);

                WebElement UData=driver.findElement(By.xpath("//*[@class='category-drop-list
category-drop-list-show']/div/ul/li[2]"));

                String UserData=UData.getText();

                System.out.println("The data added is:" +UserData);

                System.out.println("The data from properties file:" +name);

                Assert.assertEquals(name, UserData);

                System.out.println("The category name added in admin portal is present in the user
portal");

                System.out.println(".................................................................");

                //Once record added is checked going into admin portal and delete the record

                System.out.println("To Delete the record in admin Portal");

                driver.get(url);

                home.EnetrEmailAddress(userName);

                home.EnetrPassword(password);

                home.ClickonLoginButton();
```

```java
            home.ClickonCatalogTabButton();

            home.ClickonCategories();

            home.ClickonActionButton();

            home.ClickonDelete();Thread.sleep(2000);

            home.ClickonDeleteRecord();Thread.sleep(2000);

            System.out.println("The record added is deleted");

            driver.navigate().back();

            WebElement Error=driver.findElement(By.xpath("//div[@class='alert alert-danger alert-
dismissible']"));

            String ErrorMsg= Error.getText();

            System.out.println("Message of data deleted: " +ErrorMsg);

            System.out.println("................................................................");

            //Navigate to user portal to check whether it is deleted

            driver.navigate().to("https://atozgroceries.com");

            UserPage user1=new UserPage(driver,wait);

            user1.ClickonShopByCategory(); Thread.sleep(2000);

            WebElement UData1=driver.findElement(By.xpath("//*[@class='category-drop-list
category-drop-list-show']/div/ul/li[2]"));

            String UserData1=UData1.getText();

            System.out.println("The data is:" +UserData1);

            System.out.println("The data from property file:" +name);

            Assert.assertNotSame(name, UserData);

            System.out.println("The data is not present in the user portal");

            }

}
```

Admin1Page.java:

```java
package com.ibm.pages;

import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
```

```java
import org.openqa.selenium.support.FindBy;
import org.openqa.selenium.support.PageFactory;
import org.openqa.selenium.support.ui.WebDriverWait;

public class AdminPage1 {
    // Following are the Xpath from the page
    // To give the login mail id
    @FindBy(xpath = "//input[@name='email']")
    WebElement Emailele;

    // To give the password
    @FindBy(xpath = "//input[@name='pword']")
    WebElement PasswordEle;

    // To click on the login button
    @FindBy(xpath = "//button[@class='btn btn-labeled btn-info m-b-5']")
    WebElement LoginButtonEle;

    // To click on the Catalog Tab
    @FindBy(xpath = "//a[@href='#']")
    WebElement CatalogTabEle;

    // To click on the 'Category' under 'Catalog'
    @FindBy(xpath = "//a[text()=' Categories']")
    WebElement CategoriesEle;

    // To click on the 'Add new' button
    @FindBy(xpath = "//a[@title='Add New']")
    WebElement AddButtonEle;

    // To add Category name
    @FindBy(xpath = "//input[@name='name']")
    WebElement CategoryNameELe;

    // To add Category tag title
    @FindBy(xpath = "//input[@name='tag_title']")
    WebElement TagTitleELe;

    // To add the sort
    @FindBy(xpath = "//input[@name='sort']")
    WebElement SortEle;

    // To change the status
    @FindBy(xpath = "//select[@name='status']/option[2]")
    WebElement StatusEle;

    //To go to the top of page
    @FindBy(xpath="//div[@id='toTop']")
    WebElement TopEle;

    //To save the content
    @FindBy(xpath="//button[@title='Save']")
    WebElement SaveEle;

    //To click on Action for the added record
```

```java
@FindBy(xpath="//table[@id='dataTableExample2']/tbody/tr[2]/td[6]/div/button")
WebElement ActionButtonEle;

//To click on Delete button

@FindBy(xpath="//table[@id='dataTableExample2']/tbody/tr[2]/td[6]/div/ul/li[2]")
WebElement DeleteEle;

//To delete the record
@FindBy(xpath="//button[@class='confirm']")
WebElement DeleteRecordEle;

WebDriverWait wait;
WebDriver driver;

// For using webdriver
public AdminPage1(WebDriver driver, WebDriverWait wait) {
        this.driver = driver;
        this.wait = wait;
        PageFactory.initElements(driver, this);
}

public void EnetrEmailAddress(String userName) {
        Emailele.sendKeys(userName);
}

public void EnetrPassword(String password) {
        PasswordEle.sendKeys(password);
}

public void ClickonLoginButton() {
        LoginButtonEle.click();
}

public void ClickonCatalogTabButton() {
        CatalogTabEle.click();
}

public void ClickonCategories() {
        CategoriesEle.click();
}

public void ClickonAddButton() {
        AddButtonEle.click();
}

public void EnterCategoryName(String name) {
        CategoryNameELe.sendKeys(name);
}

public void EnterTheTagTitle(String tag) {
        TagTitleELe.sendKeys(tag);
}
```

```java
        public void EnterTheSortOrder() {
                SortEle.sendKeys("1");
        }

        public void EntertheStatus()
        {
                StatusEle.click();
        }

        public void ClickToGoTop()
        {
                TopEle.click();
        }
        public void ClickonTheSaveButton()
        {
                SaveEle.click();

        }

        public void ClickonActionButton()
        {
                ActionButtonEle.click();
        }

        public void ClickonDelete()
        {
                DeleteEle.click();
        }

        public void ClickonDeleteRecord()
        {
                DeleteRecordEle.click();
        }

}
```

UserPage.java:

```java
package com.ibm.pages;

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 UserPage
{

        //To click on 'Shop by Category'
        @FindBy(xpath="//*[@id='categories-menu']/ul/li/span")
        WebElement ShopCategoryEle;

        WebDriverWait wait;
```

```
WebDriver driver;

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

public void ClickonShopByCategory()
{
        ShopCategoryEle.click();
}

}
```
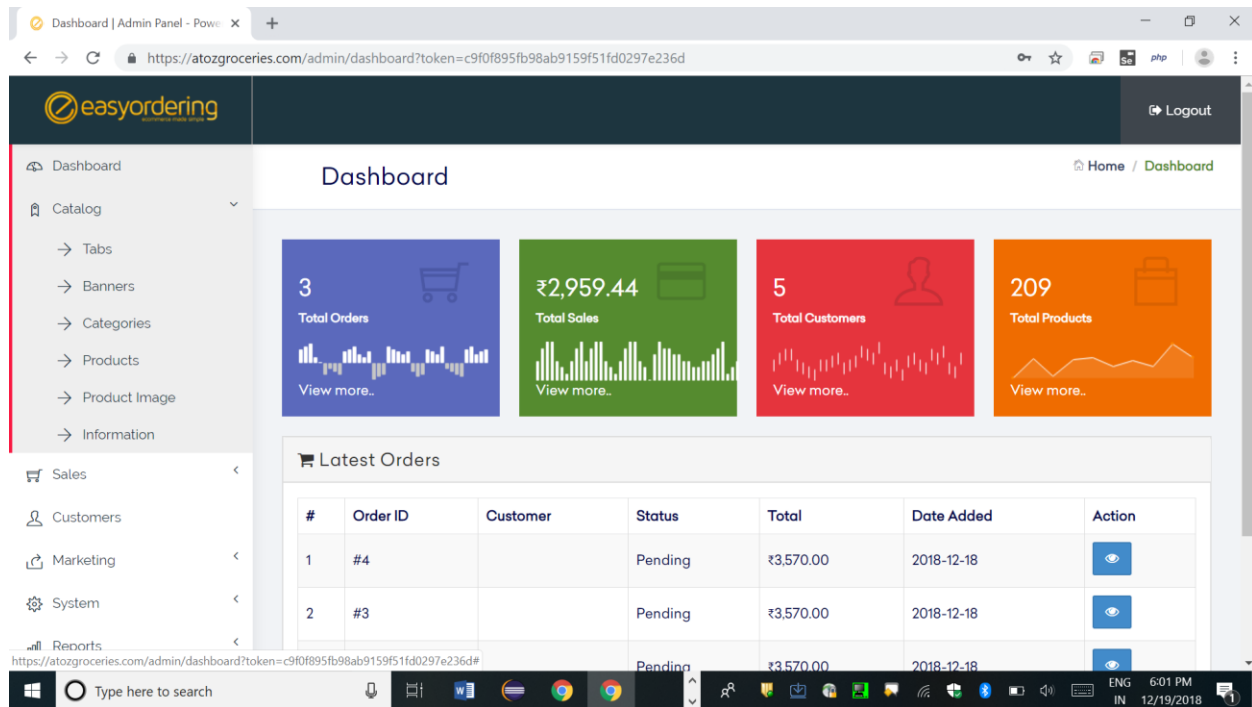
Screenshot of steps Executed:

->Login to the admin portal

->Click on Catalog tab

->Click on Categories under Catalog tab

->New category is added for deleting

->The new record is successfully added

->User portal is opened to check whether the new record adding is reflected here
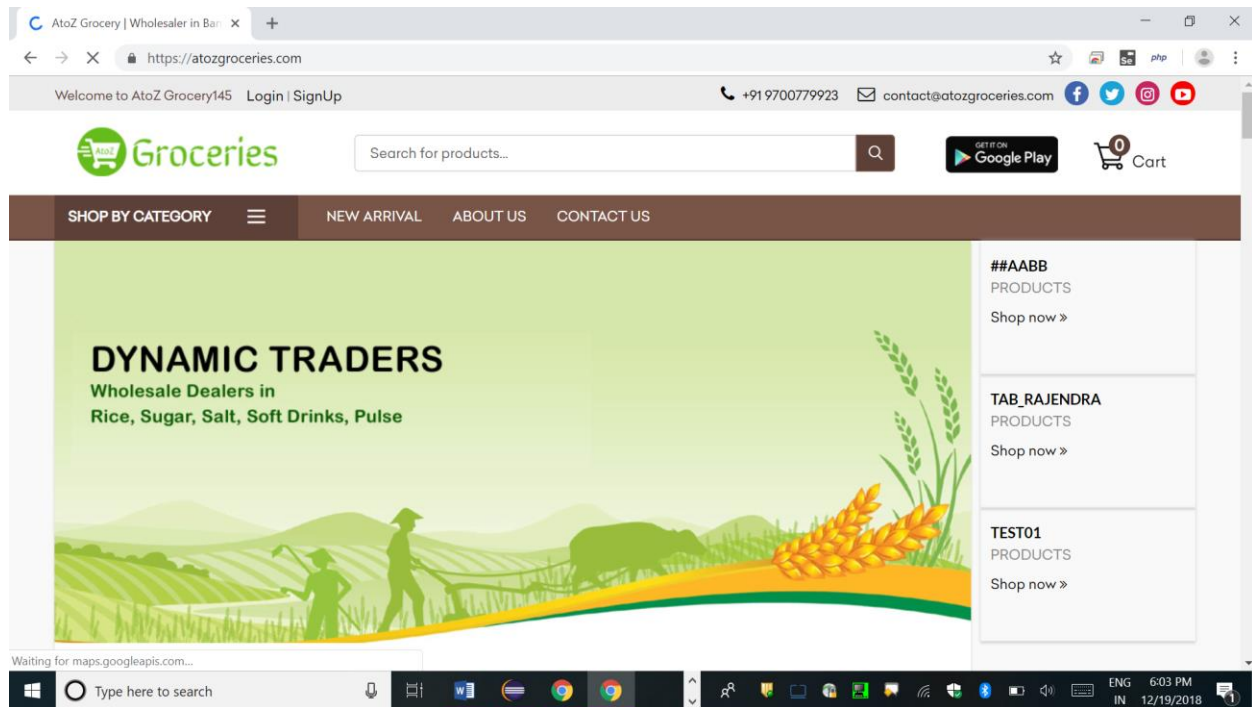
->Click made on 'Shop by category' to check the new record added
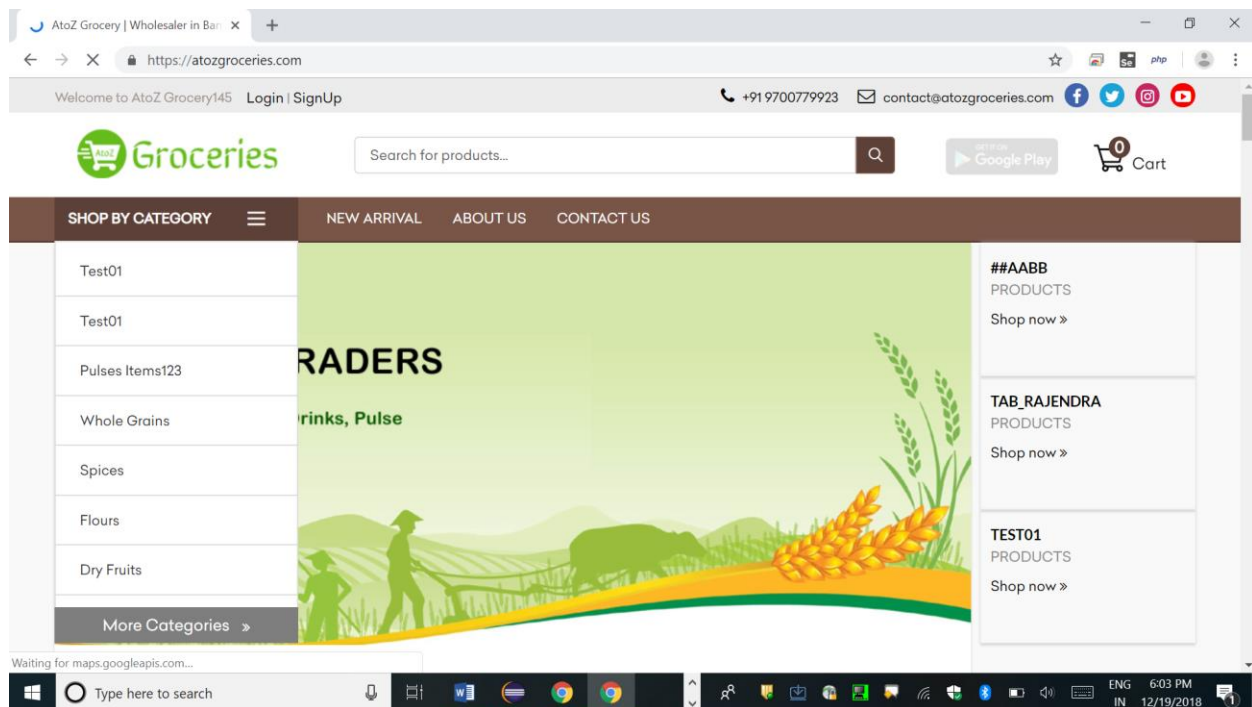
->Once record added is confirmed login to admin portal

->Click to open 'Categories'
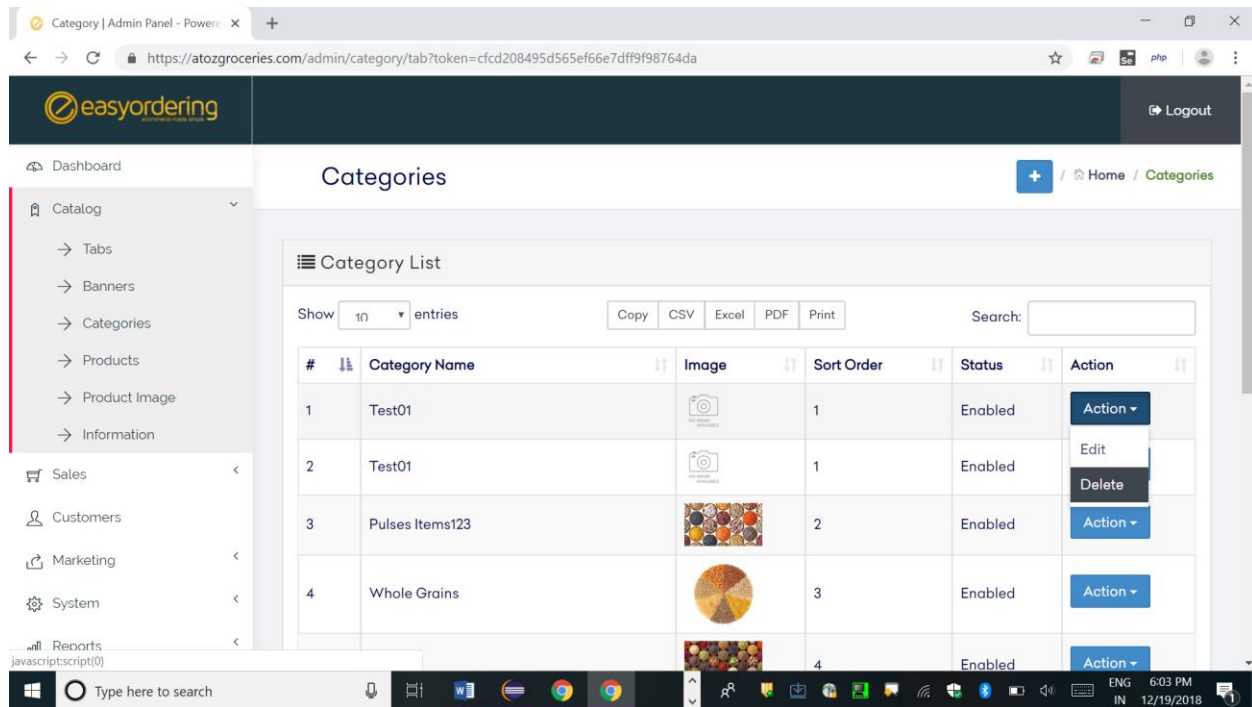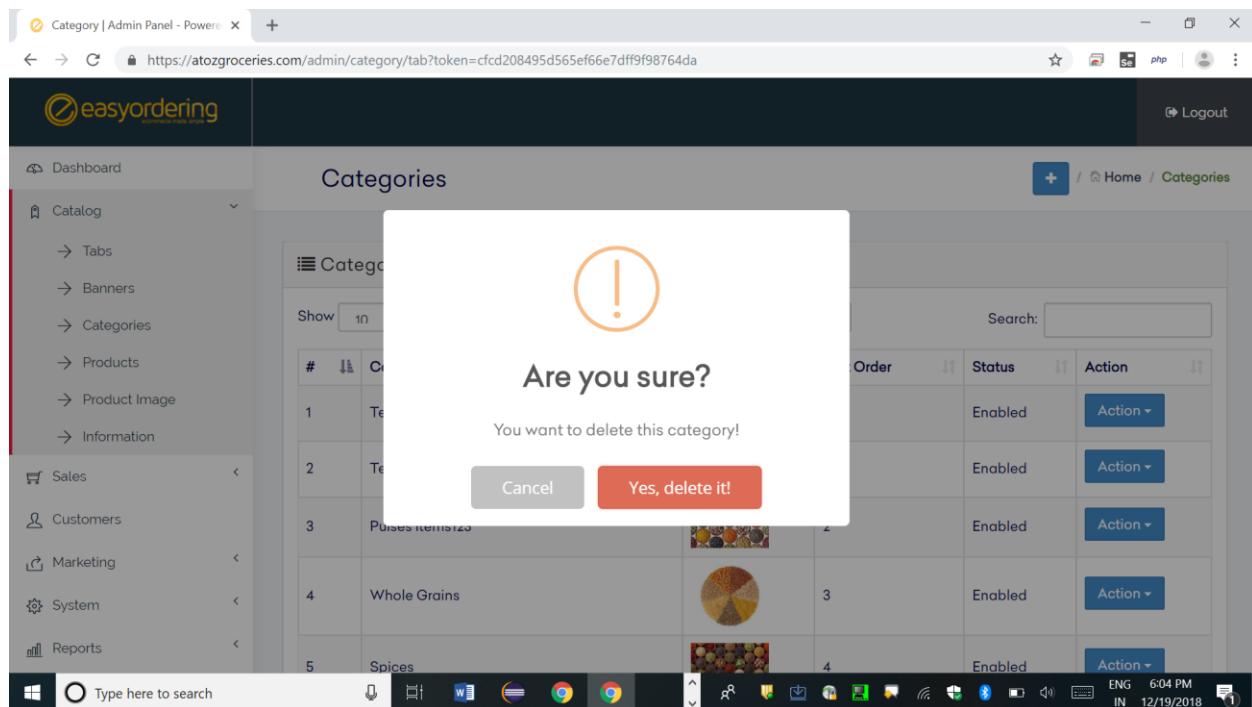
->Delete is selected to check the newly added record
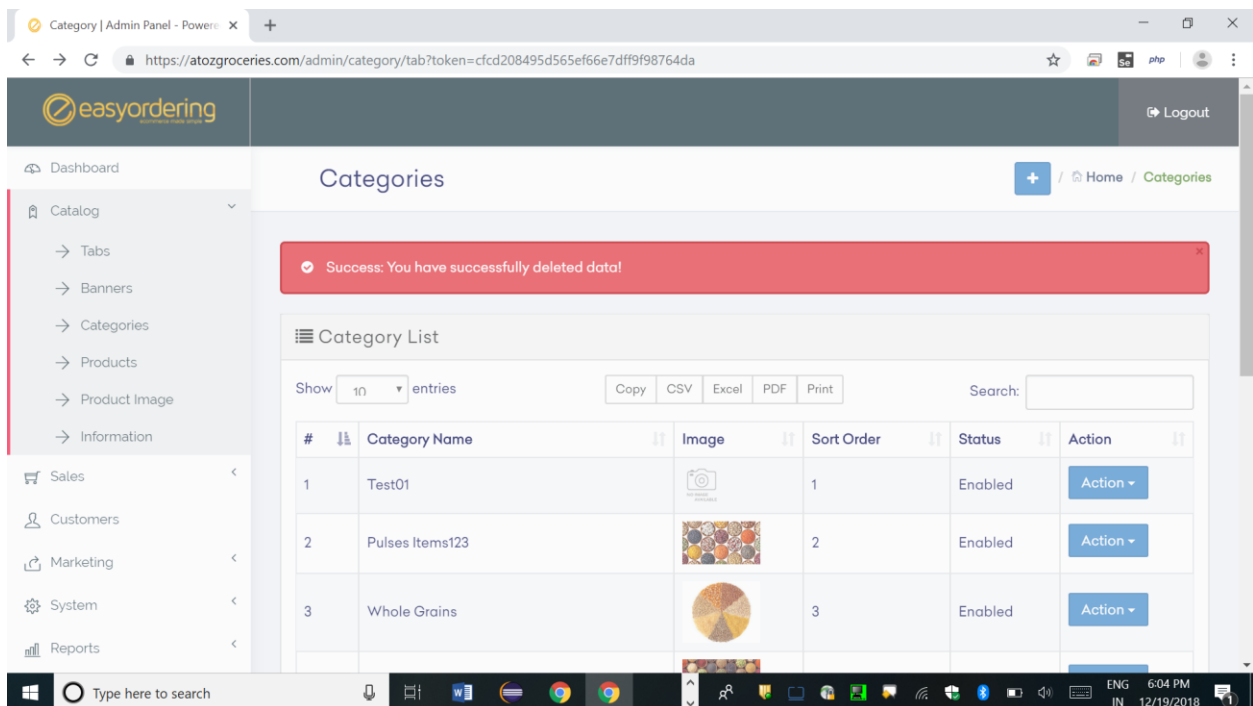

->New record is deleted

->Once the delete button is clicked it navigate to a page which shows error so a navigate().back() is used and the record is deleted
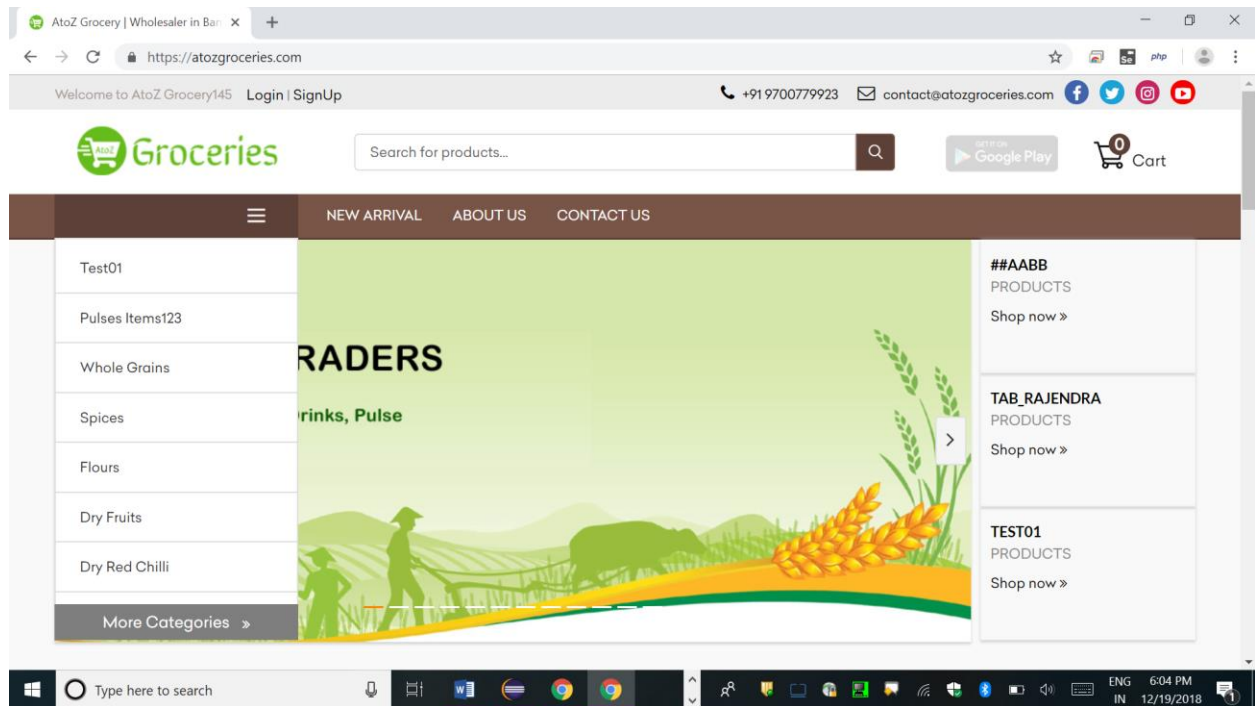
"The page opened when delete is clicked with some error" (To be noted)
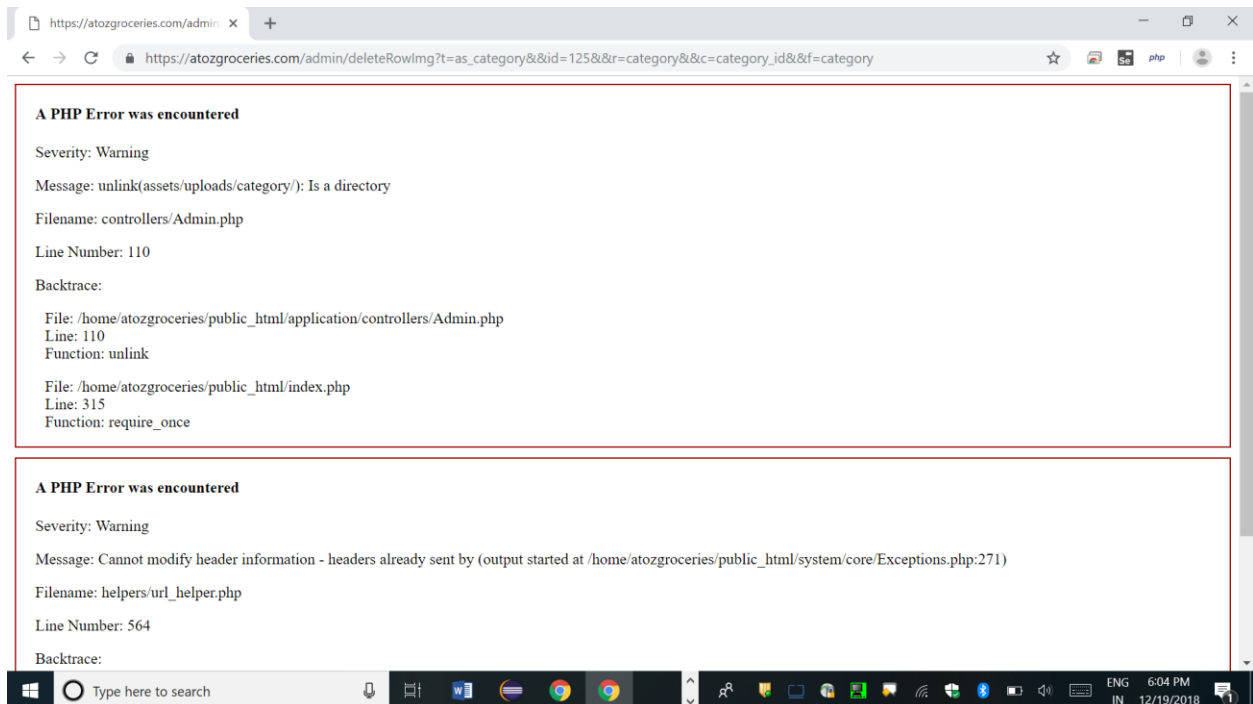
->Record is successfully deleted

->The data is removed in user portal

Screenshot from Eclipse output:

Quick Access

Problems   Javadoc   Declaration   Console   Results of running class BaseTest   Coverage

<terminated> BaseTest [TestNG] C:\Program Files\Java\jdk1.8.0_191\bin\javaw.exe (Dec 19, 2018, 6:11:37 PM)

```
[RemoteTestNG] detected TestNG version 6.14.3
Starting ChromeDriver 2.44.609538 (b655c5a60b0b544917107a59d4153d4bf78e1b90) on port 27921
Only local connections are allowed.
Dec 19, 2018 6:11:42 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS
To Add a record in admin portal and then check it in user portal whether it is added or not
The data added is:Test02
The data from properties file:Test02
The category name added in admin portal is present in the user portal
.........................................................
To Delete the record in admin Portal
The record added is deleted
Message of data deleted: Success: You have successfully deleted data!
×
.........................................................
The data is:Pulses Items123
The data from property file:Test02
The data is not present in the user portal
PASSED: DeleteAndCheckProductInUserPage

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


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

Type here to search

ENG
IN

6:12 PM
12/19/2018