

## Day 9 - Test case solution document

### Code Used:

#### BaseTest.java

```
package com.ibm.test;

import java.io.File;
import java.io.IOException;
import java.util.Date;
import org.apache.commons.io.FileUtils;
import org.openqa.selenium.OutputType;
import org.openqa.selenium.TakesScreenshot;
import org.testng.Assert;
import org.testng.Reporter;
import org.testng.annotations.DataProvider;
import org.testng.annotations.Optional;
import org.testng.annotations.Parameters;
import org.testng.annotations.Test;
import com.ibm.pages.CategoryPage;
import com.ibm.pages.CouponPage;
import com.ibm.pages.DashboardPage;
import com.ibm.pages.DriverLaunch;
import com.ibm.pages.LoginPage;
import com.ibm.pages.ProductsPage;
import com.ibm.pages>ReturnsPage;
import com.ibm.pages.SettingsPage;
import com.ibm.pages.ShippingPage;
import com.ibm.pages.TabsPage;
import com.ibm.pages.UserPage;
import com.ibm.utilities.DBConnection;
import com.ibm.utilities.ExcelReader;

public class BaseTest extends DriverLaunch
{
    @Test(dataProvider="EditCategory",testName="EditCategoryDBValidation")
    public void Day9TestCase(String Old_name,String CategoryName,String TagTitle,String SortOrder,String Status,String Image) throws IOException
    {
        LoginPage login=new LoginPage(driver,wait);
        DashboardPage dash=new DashboardPage(driver,wait);
        CategoryPage category=new CategoryPage(driver,wait);
        DBConnection dbconn=new DBConnection();

        try
        {
            //getting the data from the properties file using Hash map
            String adminurl=hashData.get("adminurl");
            String username=hashData.get("username");
            String password=hashData.get("password");
            String showdata=hashData.get("show");
        }
    }
}
```

```

        //navigating to the Admin URL of atozgroceries
        driver.get(adminurl);
        //login page is used to provide the input of username and
password
        login.EnterEmail(username);
        login.EnterPassword(password);
        login.clickLogin();
        //In catalog page we will find the catalog element and click on
that to open categories
        dash.OpenCatalog();
        //category page
        category.clickCategory();
        //Sending input to edit category

        category.editCategory(Old_name,CategoryName,TagTitle,SortOrder,Status,Image);

        //Selecting to show All in categories
        category.displayAllCategories(showdata);

        //validating the Edited category in Admin Page
        String actualMsg=category.dataPageSource();
        Assert.assertTrue(actualMsg.contains(CategoryName), "Assertion on
Edited Categroy in Admin Page!!!");
        Reporter.Log("Assertion on Edited Category in Admin Page!!");

        //Validation of Edited category in DB
        dbconn.DBCategoryVerify(CategoryName);
    }
    catch(Exception e)
    {
        TakesScreenshot ts = (TakesScreenshot) driver;
        File file = ts.getScreenshotAs(OutputType.FILE);
        Date date = new Date();
        String currentDate = date.toString().replace(":", "-");
        FileUtils.copyFile(file, new
File("./Screenshots/Day9_TestCase_Error_" + currentDate + ".jpg"));
        System.out.println(e.getMessage());
        Assert.fail();
    }
    finally
    {
        login.ClickLogout();
    }
}

@DataProvider(name="EditCategory")
public Object[][][] Category() throws IOException
{
    return ExcelReader.DataTable("./TestData/TestData.xlsx", "Category");
}

```

## **LoginPage.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 LoginPage {
    @FindBy(name="email")
    WebElement emailEle;

    @FindBy(name="pword")
    WebElement passwordEle;

    @FindBy(xpath="/html/body/div/div/div/div[2]/form/button")
    WebElement loginEle;

    @FindBy(xpath="//a[@title='Logout']")
    WebElement logoutEle;

    WebDriverWait wait;
    WebDriver driver;

    public LoginPage(WebDriver driver, WebDriverWait wait)
    {
        PageFactory.initElements(driver, this);
    }
    public void EnterEmail(String username)
    {
        emailEle.sendKeys(username);
    }
    public void EnterPassword(String password)
    {
        passwordEle.sendKeys(password);
    }
    public void clickLogin()
    {
        loginEle.click();
    }
    public void ClickLogout()
    {
        logoutEle.click();
    }
}
```

## **DashboardPage.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.ExpectedConditions;
import org.openqa.selenium.support.ui.WebDriverWait;

public class DashboardPage {

    //Finding the WebElements
    @FindBy(partialLinkText="Catalog")
    WebElement catalogEle;

    @FindBy(xpath="/html/body/div[1]/div[1]/div/ul/li[5]/a")
    WebElement marketEle;

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

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

    WebDriver driver;
    WebDriverWait wait;

    //catalog page constructor
    public DashboardPage(WebDriver driver, WebDriverWait wait)
    {
        this.driver=driver;
        this.wait=wait;
        PageFactory.initElements(driver, this);
    }

    //Opencatalog method to click on catalog
    public void OpenCatalog()
    {
        wait.until(ExpectedConditions.visibilityOf(catalogEle));
        catalogEle.click();
    }

    //method for opening marketing
    public void OpenMarketing()
    {
        marketEle.click();
    }
    //method for opening system
    public void OpenSystem()
    {
        systemEle.click();
    }
    public void OpenShipping()
    {
        shipEle.click();
    }
}

CategoryPage.java
package com.ibm.pages;

```

```

import java.util.List;

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

public class CategoryPage
{
    //Finding the Elements
    @FindBy(xpath="/html/body/div[1]/div[1]/div/ul/li[2]/ul/li[3]/a")
    WebElement categoryEle;

    @FindBy(xpath="//a[@title='Add New']")
    WebElement addNewEle;

    @FindBy(name="name")
    WebElement cateNameEle;

    @FindBy(name="tag_title")
    WebElement tagTitleEle;

    @FindBy(name="sort")
    WebElement sortEle;

    @FindBy(name="status")
    WebElement statusEle;

    @FindBy(xpath="//*[@id='files']")
    WebElement imageEle;

    @FindBy(name="dataTableExample2_length")
    WebElement showEle;

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

    @FindBy(xpath="/html/body/div[1]/div[3]/div/form/div[2]/div/div/div[1]/div/h4")
)
    WebElement addCatEle;

    WebDriver driver;
    WebDriverWait wait;
    JavascriptExecutor js;

    //Constructor
    public CategoryPage(WebDriver driver,WebDriverWait wait)
    {
        this.driver=driver;

```

```

        PageFactory.initElements(driver, this);
        js=(JavascriptExecutor) driver;
    }

    //this method is used to click on the Categories under the catalog
    public void clickCategory()
    {
        categoryEle.click();
    }

    // This method is used to add New Category to the catalog
    public void addNewCategory(String name,String tagtitle,String sortorder,String
status)
    {
        //clicking on + sign for adding new category
        addNewEle.click();
        //providing the new category details
        cateNameEle.click();
        cateNameEle.sendKeys(name);
        tagTitleEle.sendKeys(tagtitle);
        js.executeScript("window.scrollBy(0,500)");
        sortEle.sendKeys(sortorder);
        js.executeScript("window.scrollBy(500,1000)");
        Select selectStatus= new Select(statusEle);
        selectStatus.selectByVisibleText(status);

        imageEle.sendKeys("C:\\\\Harisha\\\\Selenium_Training\\\\EclipseWorkSpace\\\\SeleniumF
ramework\\\\TestData\\\\milk_products.jpg");
        driver.findElement(By.id("toTop")).click();
        saveEle.click();
    }
    public String getCategoriesTitle()
    {
        String title= driver.getTitle();
        return title;
    }
    // After saving this will redirect to categories page.

    //showSel will select "ALL" items or display
    public void displayAllCategories(String showvalue)
    {
        Select showSel=new Select(showEle);
        showSel.selectByVisibleText(showvalue);
        //scrolling the window to see the products
        js.executeScript("window.scrollBy(0,500)");
        js.executeScript("window.scrollBy(500,1000)");
        js.executeScript("window.scrollBy(1000,2000)");
    }
    public String dataPageSource()
    {
        String dataPgSrc=driver.getPageSource();
        return dataPgSrc;
    }
    //this method will edit a category after clearing the existing data

```

```

        public void editCategory(String old_name,String new_name,String
tagtitle,String sort,String status,String imgPath)
{
    List<WebElement>
rowEle=driver.findElements(By.xpath("//table[@id='dataTableExample2']/tbody/tr"));
    int rows=rowEle.size();
    for(int i=1;i<=rows;i++)
    {
        //getting the category name to edit
        String
name=driver.findElement(By.xpath("//table[@id='dataTableExample2']/tbody/tr["+i+"]/td
[2])).getText().trim();

        if(name.equals(old_name))
        {

            //clicking on the Action button of the desired category to
edit

            driver.findElement(By.xpath("//table[@id='dataTableExample2']/tbody/tr["+i+"]/td[6]/descendant::button")).click();
                //clicking on the Edit button of the desired category to
edit

            driver.findElement(By.xpath("//table[@id='dataTableExample2']/tbody/tr["+i+"]/td[6]/descendant::ul/li)[1]").click();
                //Clears the existing data
            cateNameEle.clear();
            tagTitleEle.clear();
            sortEle.clear();

            js.executeScript("arguments[0].scrollIntoView(true);",imageEle);
                Select selectStatus= new Select(statusEle);
                selectStatus.selectByVisibleText("");

            js.executeScript("arguments[0].scrollIntoView(true);",cateNameEle);
                //Sending new data for the category
            cateNameEle.sendKeys(new_name);
            tagTitleEle.sendKeys(tagtitle);

            js.executeScript("arguments[0].scrollIntoView(true);",tagTitleEle);
            sortEle.sendKeys(sort);

            js.executeScript("arguments[0].scrollIntoView(true);",imageEle);
            selectStatus.selectByVisibleText(status);
            imageEle.sendKeys(imgPath);
            driver.findElement(By.id("toTop")).click();
                //clicking on Save, will redirect to All categories page
            saveEle.click();
            break;
        }
    }
}
}

```

## **DBConnection.java**

```
package com.ibm.utilities;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;

import org.testng.Assert;
import org.testng.Reporter;

public class DBConnection {

    public void DBCategoryVerify(String newCatName) throws SQLException
    {
        //Establishing the DB connection
        Connection c =
DriverManager.getConnection("jdbc:mysql://foodsonfinger.com:3306/foodsonfinger_atozgr
oceries",
                "foodsonfinger_atoz","welcome@123");
        Statement s = c.createStatement();
        //Executing the required statement for getting the Edited category..
sending the new category name in where condition
        ResultSet rs = s.executeQuery("SELECT * from as_category where
name=\""+newCatName+"\"");
        //the below while loop checks each and every line of the above query
result
        while(rs.next())
        {
            //doing assertion on New edited category name when matches the
name of the category in DB

            Assert.assertTrue(newCatName.equals(rs.getString("name")),"Assertion on Edited
Category in Database!!");
            Reporter.log("Assertion on Edited Category in Database!!");

        }
    }
}
```

## **DriverLaunch.java**

```
package com.ibm.pages;

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.firefox.FirefoxDriver;
import org.openqa.selenium.ie.InternetExplorerDriver;
import org.openqa.selenium.support.ui.WebDriverWait;
import org.testng.annotations.AfterMethod;
```

```

import org.testng.annotations.BeforeMethod;
import org.testng.annotations.BeforeSuite;
import org.testng.annotations.Optional;
import org.testng.annotations.Parameters;

import com.ibm.utilities.PropertiesFileHandler;

public class DriverLaunch {

    public WebDriver driver;
    public WebDriverWait wait;
    public PropertiesFileHandler propFileHandle;
    public HashMap<String, String> hashData;

    @BeforeSuite
    public void preSetForTest() throws IOException
    {
        String file=".TestData/data.properties";
        propFileHandle =new PropertiesFileHandler();
        hashData=propFileHandle.getPropertiesAsMap(file);
    }
    @BeforeMethod
    @Parameters({"browser"})
    public void initialisation(@Optional("ch")String browser)
    {
        browserInitialization(browser);
        driver.manage().window().maximize();
        driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
        wait=new WebDriverWait(driver, 60);
    }
    @AfterMethod
    public void closingBrowser()
    {
        driver.quit();
    }

    public void browserInitialization(String browser)
    {
        switch(browser.toLowerCase())
        {
            case "ff":
                System.setProperty("webdriver.gecko.driver",
"./drivers/geckodriver.exe");
                driver=new FirefoxDriver();
                break;
            case "ch":
                System.setProperty("webdriver.chrome.driver",
"./drivers/chromedriver.exe");
                driver=new ChromeDriver();
                break;
            case "ie":
                System.setProperty("webdriver.ie.driver",
"./drivers/IEDriverServer.exe");
                driver=new InternetExplorerDriver();
        }
    }
}

```

```

        break;
    }
}
}

PropertiesFileHandler.java
package com.ibm.utilities;

import java.io.FileInputStream;
import java.io.IOException;
import java.util.HashMap;
import java.util.Properties;
import java.util.Set;

public class PropertiesFileHandler {

    public HashMap<String, String> getPropertiesAsMap(String file) throws
IOException {
        HashMap<String, String> magentoMap = new HashMap<String, String>();

        FileInputStream fileIn = new FileInputStream(file);
        Properties prop = new Properties();
        prop.load(fileIn);

        Set<Object> keysProp = prop.keySet();
        for (Object key : keysProp) {
            magentoMap.put(key.toString(), prop.getProperty(key.toString()));
        }
        prop.clear();
        return magentoMap;
    }
}

data.properties
adminurl=https://atozgroceries.com/admin
userurl=https://atozgroceries.com
username=demo@atozgroceries.com
password=456789
show>All

testng.xml
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE suite SYSTEM "http://testng.org/testng-1.0.dtd">
<suite name="Suite">
    <test thread-count="5" name="Test">
        <parameter name="browser" value="ff"></parameter>
        <classes>
            <class name="com.ibm.test.BaseTest">
                <methods><include name="Day9TestCase"></include></methods>
            </class>
        </classes>
    </test> <!-- Test -->
</suite> <!-- Suite -->
```

## **ExcelReader.java**

```
package com.ibm.utilities;

import java.io.FileInputStream;
import java.io.IOException;

import org.apache.poi.ss.usermodel.DataFormatter;
import org.apache.poi.xssf.usermodel.XSSFSheet;
import org.apache.poi.xssf.usermodel.XSSFWorkbook;

public class ExcelReader {
    public static Object[][] DataTable(String WBLoc, String sheetName) throws
IOException
    {

        XSSFWorbook TestDataWB=new XSSFWorkbook(new FileInputStream(WBLoc));
        XSSFSheet ProductsSheet=TestDataWB.getSheet(sheetName);
        Object[][] ProductInfo=new Object[ProductsSheet.getPhysicalNumberOfRows()-
1][ProductsSheet.getRow(0).getPhysicalNumberOfCells()];
        int rowcount=ProductsSheet.getPhysicalNumberOfRows();
        int cellcount=ProductsSheet.getRow(0).getPhysicalNumberOfCells();
        for(int i=1;i<rowcount;i++)
        {
            for(int j=0;j<cellcount;j++)
            {
                DataFormatter format=new DataFormatter();
                String
CellValue=format.formatCellValue(ProductsSheet.getRow(i).getCell(j));
                ProductInfo[i-1][j]=CellValue;
            }
        }
        return ProductInfo;
    }
}
```

## **TestData.xlsx**

EclipseWorkSpace - SeleniumFramework/TestData/TestData.xlsx - Eclipse IDE

A	B	C	D	E	F	G	H	I	J
Old_name	CategoryName	TagTitle	SortOrder	Status	Image				
1	Dry Fruits	Vegetables	4	Enabled	C:\Harisha\Selenium_Training\EclipseWorkSpace\SeleniumFramework\TestData\vegs.jpg				
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									

## Step by step output:

### 1. Navigating to the Admin Page of "atozgroceries"

Admin Panel | Powered By A&S Technologies

https://atozgroceries.com/admin?action=login&&d3d9446802a44259755d38e6d163e820

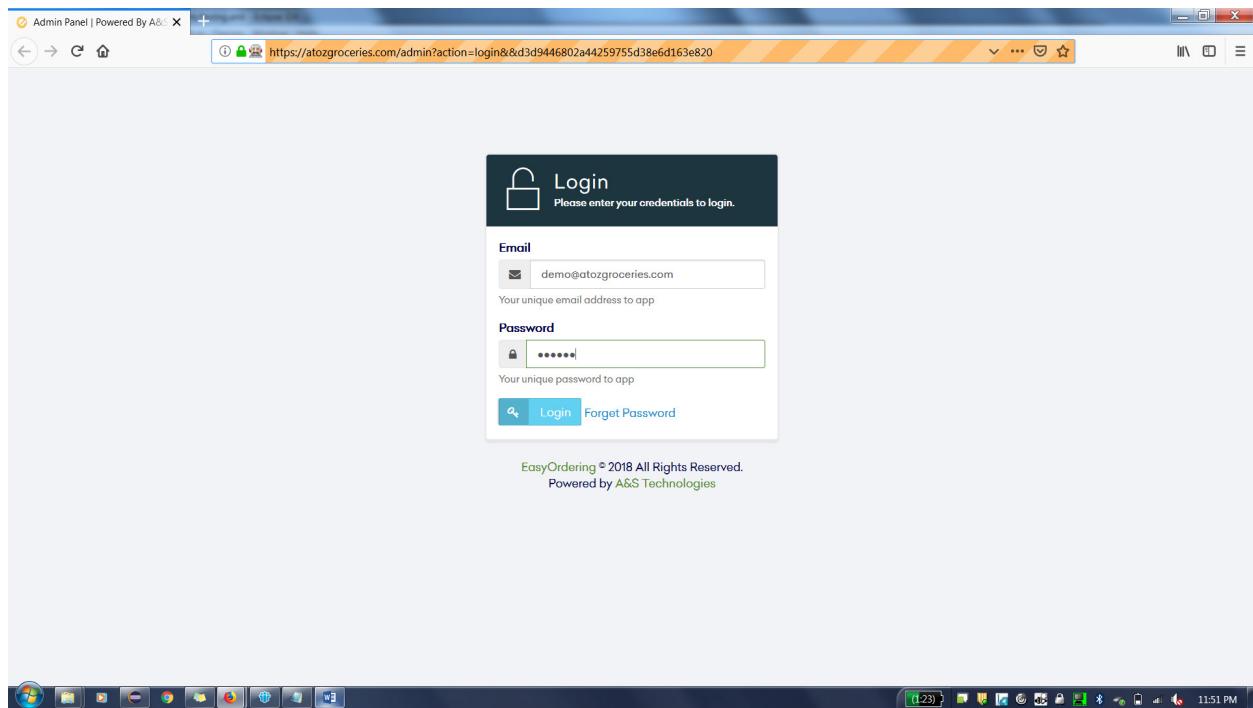
Login  
Please enter your credentials to login.

Email  
 Email address  
Your unique email address to app

Password  
 Your unique password to app

EasyOrdering © 2018 All Rights Reserved.  
Powered by A&S Technologies

## 2. Providing login credentials



## 3. Dashboard after logging into the site

A screenshot of the 'easyordering' Admin Panel dashboard. The URL is https://atozgroceries.com/admin/dashboard?token=1679091c5a880faf6fb5e6087eb1b2dc. The dashboard features a sidebar with links: Dashboard, Catalog, Sales, Customers, Marketing, System, and Reports. The main area has a title 'Dashboard' and four summary cards: 'Total Orders' (5), 'Total Sales' (₹23,770.25), 'Total Customers' (26), and 'Total Products' (195). Below this is a section titled 'Latest Orders' with a table:

#	Order ID	Customer	Status	Total	Date Added	Action
1	#10	Rajendra Sahoo	Pending	₹21,750.00	2018-12-21	
2	#6	TestNew	Pending	₹3,950.00	2018-12-20	
3	#5		Pending	₹8,700.00	2018-12-20	
4	#3		Pending	₹3,570.00	2018-12-18	
5	#2		Pending	₹3,570.00	2018-12-18	

#### 4. Opening Catalog

The screenshot shows the Admin Panel Dashboard for easyordering. On the left, a sidebar menu includes 'Dashboard', 'Catalog' (selected), 'Products', 'Reports', and other options like 'Sales' and 'Customers'. The main area displays four cards: 'Total Orders' (6), 'Total Sales' (₹27,965.00), 'Total Customers' (31), and 'Total Products' (230). Below these is a table titled 'Latest Orders' with columns for #, Order ID, Customer, Status, Total, Date Added, and Action. The table lists five pending orders from customers Rajendra Sahoo, TestNew, and others.

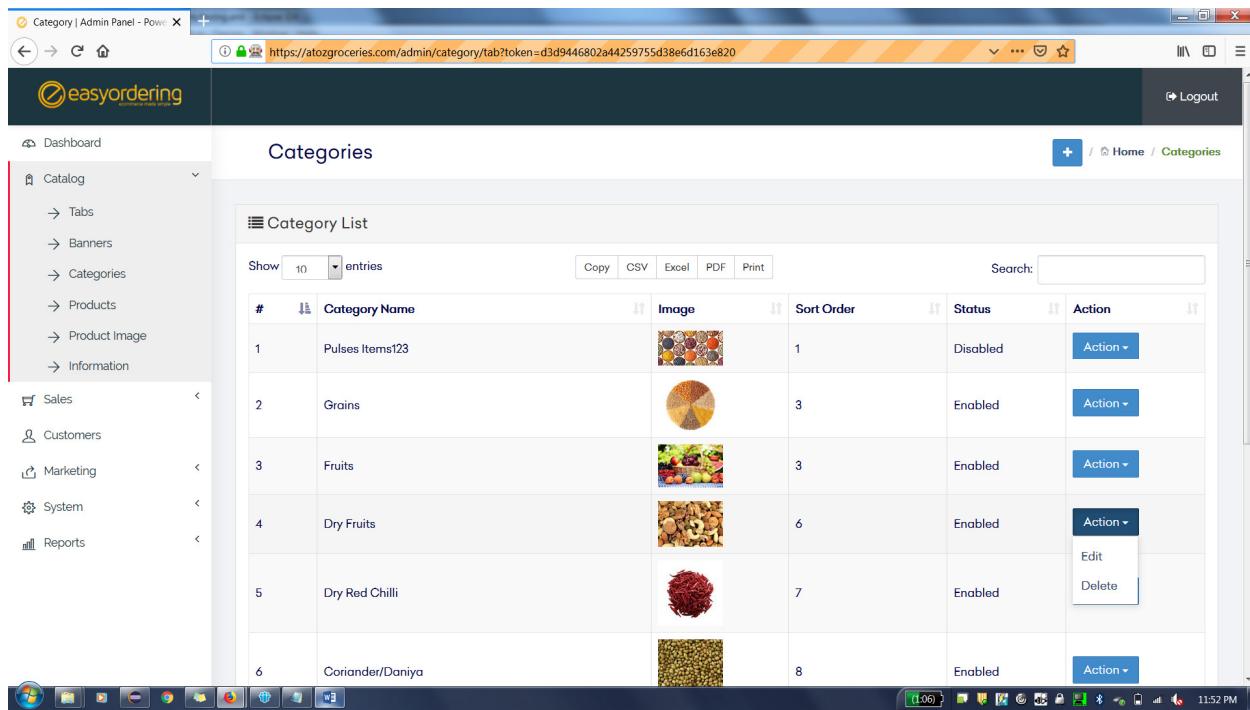
#	Order ID	Customer	Status	Total	Date Added	Action
1	#10	Rajendra Sahoo	Pending	₹21,750.00	2018-12-21	
2	#6	TestNew	Pending	₹3,950.00	2018-12-20	
3	#5		Pending	₹8,700.00	2018-12-20	
4	#3		Pending	₹3,570.00	2018-12-18	
5	#2		Pending	₹3,570.00	2018-12-18	

#### 5. Opening Categories

The screenshot shows the Admin Panel Categories page. The sidebar menu is identical to the dashboard. The main area is titled 'Category List' and displays a table of categories. Each category row includes the category name, an image thumbnail, sort order, status (Enabled or Disabled), and an 'Action' button.

#	Category Name	Image	Sort Order	Status	Action
1	Pulses Items123		1	Disabled	
2	Grains		3	Enabled	
3	Fruits		3	Enabled	
4	Dry Fruits		6	Enabled	
5	Dry Red Chilli		7	Enabled	
6	Coriander/Daniya		8	Enabled	

## 6. Clicking on Action button of desired category to EDIT

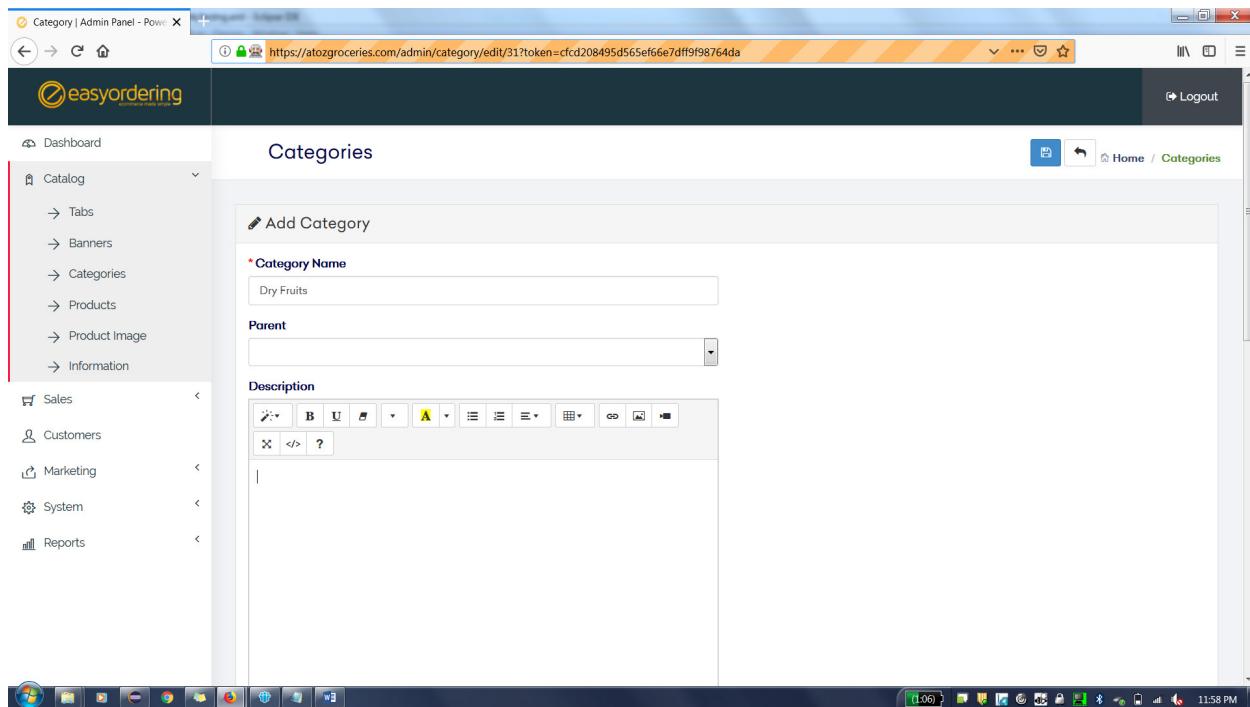


The screenshot shows the 'Category List' page in the Admin Panel. The left sidebar has a 'Catalog' section with 'Categories' selected. The main area displays a table of categories:

#	Category Name	Image	Sort Order	Status	Action
1	Pulses Items123		1	Disabled	Action ▾
2	Grains		3	Enabled	Action ▾
3	Fruits		3	Enabled	Action ▾
4	Dry Fruits		6	Enabled	Action ▾
5	Dry Red Chilli		7	Enabled	Edit Delete
6	Coriander/Daniya		8	Enabled	Action ▾

A context menu is open over the 5th row ('Dry Red Chilli'), showing 'Edit' and 'Delete' options.

## 7. Clicking on EDIT button



The screenshot shows the 'Add Category' form in edit mode. The left sidebar has a 'Catalog' section with 'Categories' selected. The main area shows the following fields:

- Category Name:** Dry Fruits
- Parent:** (dropdown menu)
- Description:** (Rich Text Editor with toolbar)

Category | Admin Panel - Powe X

Category | Admin Panel - Powe X

https://atozgroceries.com/admin/category/edit/31?token=cfc208495d565ef66e7dff9f98764da

Logout

**Meta Tag Title**  
Dry Fruits

**Meta Tag Description**  
Meta Tag Description

**Meta Tag Keywords**  
Meta Tag Keywords

**Top**

**Sort Order**  
6

**Status**  
Enabled

**Category Image** Only JPG or PNG format allowed!

Category | Admin Panel - Powe X

Category | Admin Panel - Powe X

https://atozgroceries.com/admin/category/edit/31?token=cfc208495d565ef66e7dff9f98764da

Logout

**Meta Tag Keywords**  
Meta Tag Keywords

**Top**

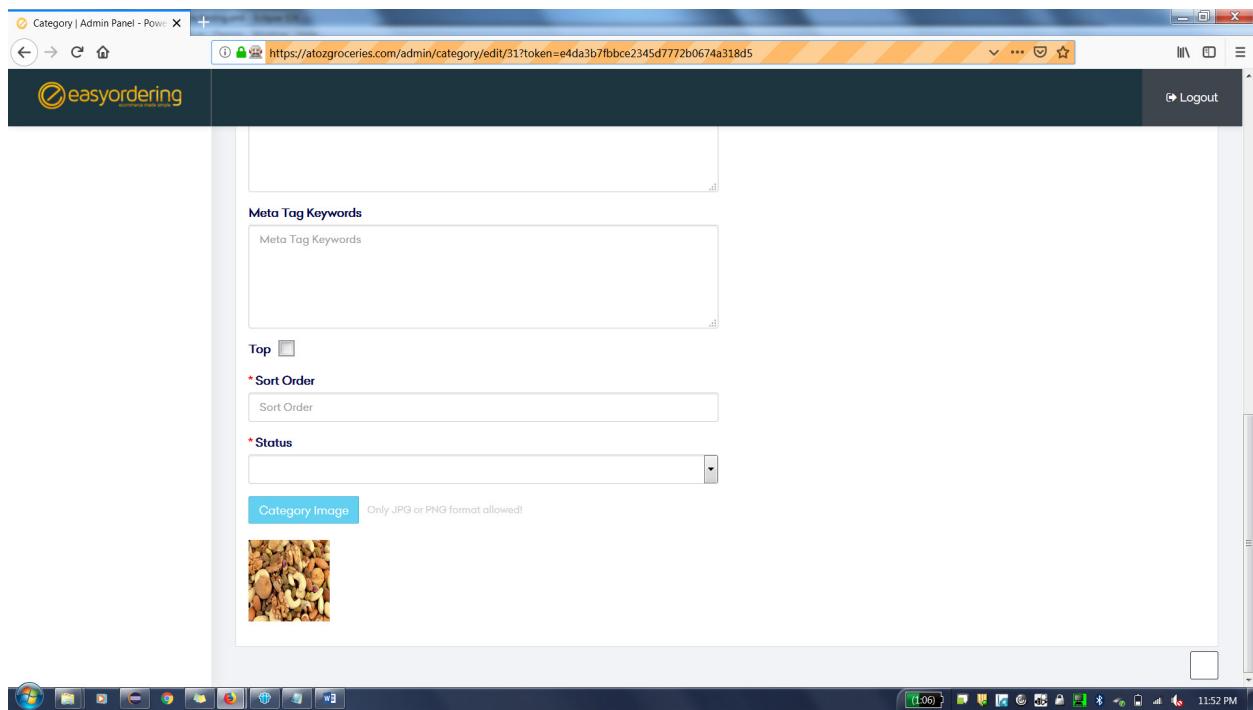
**Sort Order**  
Sort Order

**Status**  
Enabled

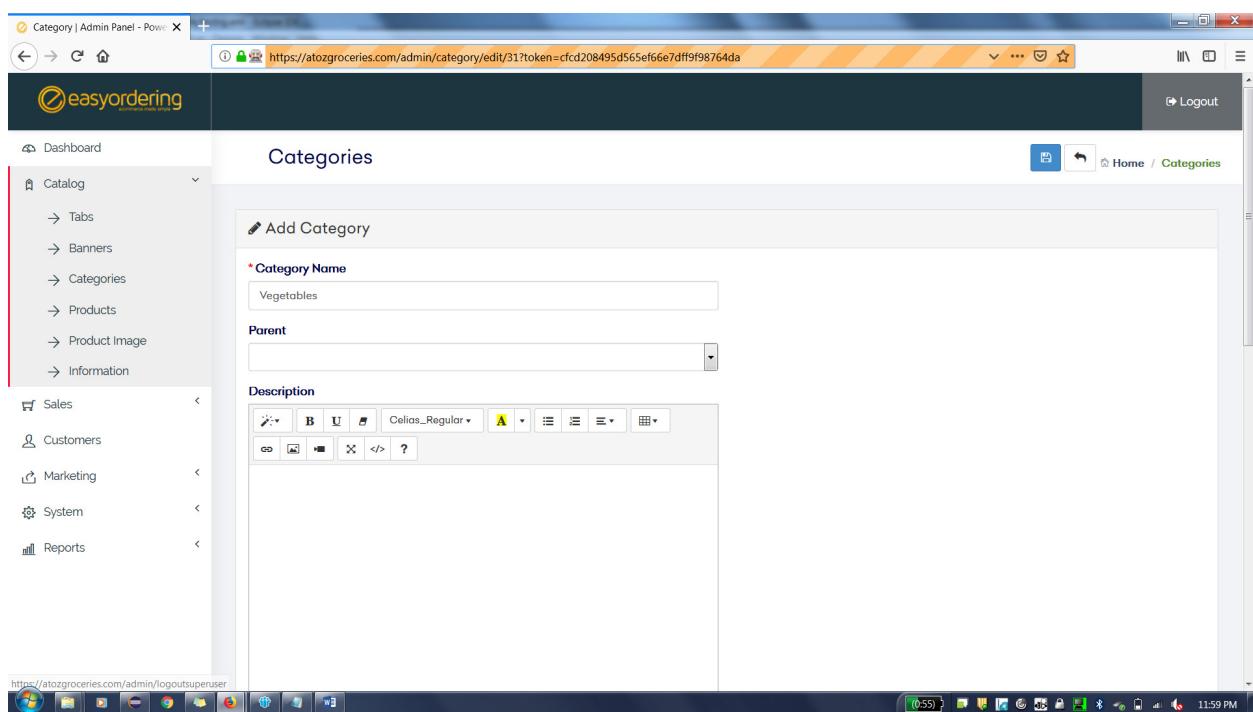
**Category Image** Only JPG or PHG format allowed!

## 8. Clearing the existing data of the Category

The image displays two screenshots of the easyordering Admin Panel. The top screenshot shows the 'Categories' page with a form titled 'Add Category'. It includes fields for 'Category Name' (with a placeholder 'Category Name'), 'Parent' (a dropdown menu), and 'Description' (with a rich text editor toolbar). The bottom screenshot shows the 'Meta Tag' section of the same page. It contains fields for 'Meta Tag Title' (placeholder 'Meta Tag Title'), 'Meta Tag Description' (placeholder 'Meta Tag Description'), 'Meta Tag Keywords' (placeholder 'Meta Tag Keywords'), and 'Sort Order' (placeholder 'Sort Order'). Both screenshots are taken from a Windows desktop environment, with the taskbar visible at the bottom.



## 9. Sending the new data for the category



Category | Admin Panel - Power

https://atozgroceries.com/admin/category/edit/31?token=1679091c5a880faf6fb5e6087eb1b2dc

Logout

easyordering

Product Image

Information

Sales

Customers

Marketing

System

Reports

Description

Meta Tag Title

Vegetables

Meta Tag Description

Meta Tag Description

Category Image Only JPG or PNG format allowed!

Top

Sort Order

4

Status

Enabled

10. Clicking on Save, it will redirect to ALL Categories page with Successful Message!!

The screenshot shows the 'Categories' page in the 'easyordering' Admin Panel. The left sidebar has 'Catalog' selected. A green success message box at the top right says 'Success: You have successfully updated category!'. Below it is a table titled 'Category List' with columns: #, Category Name, Image, Sort Order, Status, and Action. The table contains five rows:

#	Category Name	Image	Sort Order	Status	Action
1	Pulses Items123		1	Disabled	Action ▾
2	Grains		3	Enabled	Action ▾
3	Fruits		3	Enabled	Action ▾
4	Vegetables		4	Enabled	Action ▾
5	Dry Red Chilli		7	Enabled	Action ▾

11. Displaying “ALL” categories and validating the presence of Edited category in Admin Page and in database

The screenshot shows the 'Categories' page in the 'easyordering' Admin Panel. The left sidebar has 'Catalog' selected. A green success message box at the top right says 'Success: You have successfully updated category!'. Below it is a table titled 'Category List' with columns: #, Category Name, Image, Sort Order, Status, and Action. The table contains five rows:

#	Category Name	Image	Sort Order	Status	Action
1	Pulses Items123		1	Disabled	Action ▾
2	Grains		3	Enabled	Action ▾
3	Fruits		3	Enabled	Action ▾
4	Vegetables		4	Enabled	Action ▾
5	Dry Red Chilli		7	Enabled	Action ▾

						Action
17	Softdrinks Coca-Cola Items		14	Enabled	Action	
18	Softdrinks Pepsi Items		15	Enabled	Action	
19	Softdrinks Other Items		16	Enabled	Action	
20	Mineral Water Items		17	Enabled	Action	
21	Oils (edible) Items		18	Enabled	Action	
22	Oils (Non-edible) Items		19	Enabled	Action	
23	Biscuit Items		20	Enabled	Action	
24	Chocolate Items		21	Enabled	Action	
25	Vegetables		22	Enabled	Action	

						Action
25	Vegetables		22	Enabled	Action	
26	Sovereis(Mixtures) & Sweets		23	Enabled	Action	
27	Masala Items		24	Enabled	Action	
28	Papad all types		25	Enabled	Action	
29	Vermicel,maggi all fast cookings		25	Enabled	Action	
30	Masala , Powders& Sauce		27	Enabled	Action	
31	Colours(Edible)		28	Enabled	Action	

Previous 1 Next

## 12. Output from Console

The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer:** Shows the project structure with packages like AgeException, Collection, DataDrivenFramework, DataDrivenFramework\_PF, Even, HighestNumber, HybridFramework, HybridProject, MagentoApplication, MagentoForgotPwdInTestNG, Operators, PatternX, PrintingX, SampleProg, selenium-webdriver-config, SeleniumFramework, and IRE System Library [jdk-11.0.1].
- testng.xml Content:**

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE suite SYSTEM "http://testng.org/testng-1.0.dtd">
<suite name="Suite">
<test thread-count="5" name="test">
<parameter name="browser" value="ff"></parameter>
<classes>
<class name="com.ibm.test.BaseTest">
<methods><include name="Day9Testcase"></include></methods>
</class>
</classes>
</test> <!-- Test -->
</suite> <!-- Suite -->

```
- Console Output:**

```

terminated: SeleniumFramework/testng.xml [TestNG] C:\Program Files\Java\jdk-11.0.1\bin\javaw.exe (Dec 27, 2018, 12:09:34 AM)

JavaScript error: https://atzgroceries.com/admin/category/tabcToken=a87f6f679a2f3e71d9181a67b754212c, line 1257: TypeError: document.getElementById(...) is null
JavaScript error: https://atzgroceries.com/assets/admin/dist/js/app.min.js, line 1: TypeError: i is null
JavaScript error: https://atzgroceries.com/assets/admin/dist/js/app.min.js, line 1: TypeError: i is null
JavaScript error: https://atzgroceries.com/admin/category/tabcToken=c81e728d9dc42f636f067f89c14862c, line 1259: TypeError: document.getElementById(...) is null
JavaScript error: https://atzgroceries.com/assets/admin/dist/js/app.min.js, line 1: TypeError: i is null
1545849597944 Marionette INFO Stopped listening on port 52432
[Child #108, Chrome_ChildThread] WARNING: pipe error: 109: file z:/build/build/src/ipc/chromium/src/chrome/common/ipc_channel_win.cc, line 346
[Child #108, Chrome_ChildThread] WARNING: pipe error: 109: file z:/build/build/src/ipc/chromium/src/chrome/common/ipc_channel_win.cc, line 346
[Child #688, Chrome_ChildThread] WARNING: pipe error: 109: file z:/build/build/src/ipc/chromium/src/chrome/common/ipc_channel_win.cc, line 346
[Child #688, Chrome_ChildThread] WARNING: pipe error: 109: file z:/build/build/src/ipc/chromium/src/chrome/common/ipc_channel_win.cc, line 346
[Parent 4144, Gecko_IOThread] WARNING: pipe error: 109: file z:/build/build/src/ipc/chromium/src/chrome/common/ipc_channel_win.cc, line 346
[Child #272, Chrome_ChildThread] WARNING: pipe error: 109: file z:/build/build/src/ipc/chromium/src/chrome/common/ipc_channel_win.cc, line 346
[Child #108, Chrome_ChildThread] WARNING: pipe error: 109: file z:/build/build/src/ipc/chromium/src/chrome/common/ipc_channel_win.cc, line 346
[Child][RunMessage] Error: Channel closing: too late to send/recv, messages will be lost
GPU_9916, Chrome_ChildThread] WARNING: pipe error: 109: file z:/build/build/src/ipc/chromium/src/chrome/common/ipc_channel_win.cc, line 346
##### [Child][MessageChannel::SendAndWait] Error: Channel error: cannot send/recv

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


```

## 13. Automates Emailable report

The screenshot shows a web browser window with the following details:

- Address Bar:** file:///C:/Harisha/Selenium\_Training/EclipseWorkSpace/SeleniumFramework/test-output/emailable-report.html
- Content Area:**

Test	# Passed	# Skipped	# Failed	Time (ms)	Included Groups	Excluded Groups
Test	1	0	0	22,840		

**Suite**

**Test — passed**

com.ibm.test.BaseTest	Day9Testcase	1545849582520	15401
-----------------------	--------------	---------------	-------

**Test**

**com.ibm.test.BaseTest#Day9TestCase**

Parameter #1	Parameter #2	Parameter #3	Parameter #4	Parameter #5	Parameter #6
Dry Fruits	Vegetables	Vegetables	4	Enabled	C:\Harisha\Selenium_Training\EclipseWorkSpace\SeleniumFramework\TestData\vegs.jpg

**Messages**

Assertion on Edited Category in Admin Page!!  
Assertion on Edited Category in Database!!

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## 14. Automated Index report

The screenshot shows a web browser window with multiple tabs open. The active tab is titled "TestNG reports". The content area displays a "Test results" page with a blue header. Below the header, it says "1 suite". On the left, there's a sidebar with "All suites" and a "Suite" section. The "Suite" section contains an "Info" table with the following details:

C:\Harisha\Selenium_Training\EclipseWorkSpace\SeleniumFramework\testing.xml
1 test
0 groups
Times
Output
Ignored methods
Chronological view

Below the "Info" table is a "Results" table with the following details:

1 passed, 1 passed
Passed methods (suite)
Day9TestCase(Dry Fruits, Vegetables, Vegetables, 4, Enabled, C:\Harisha\Selenium_Training\EclipseWorkSpace\Seleni...)

At the bottom of the browser window, the status bar shows "(0:38)" and "12:10 AM".

\*\*\* End of the document \*\*\*