

Day-11

Test Case

Description	Test Steps	Validation
Add a coupon	1. Navigate onto admin panel -> Marketing -> Coupons 2. Populate Only Coupon Name and Save 3. Populate the other mandatory field	1. Validate the presence of Coupons header 2. Validate the error message 3.1. Validate the success message 3.2. Validate the presence of record in the admin panel table 3.3 Validate the presence of record in the DB table

Steps Executed:

- Login into admin panel using given user id and password
- As per steps validation steps are done in code:
 - Once in dashboard navigation done to Marketing->Coupons . The header name 'Coupon' is validated
 - And a new record for coupon is added and saved. Then the success message of record added is validated.
 - Then the record is validated in the admin panel and then in the database.
 - Login is made with entering user id alone so that the error message validation is done

Program Code:

Base Test.java:

```
package com.ibm.test;

import java.io.File;
import java.io.IOException;
import java.sql.Connection;
import java.sql.Date;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.ArrayList;
import java.util.HashMap;
import java.util.List;
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;
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 {
        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 DeleteCategoryCheckInDataBase() throws InterruptedException,
SQLException {

        String url = data.get("url");
        String userName = data.get("username");
        String password = data.get("password");
        String CouponName=data.get("Coupon");
        String CouponCode=data.get("Code");
        String CouponDiscount=data.get("Discount");
        String Hd=data.get("Header");
        String SuccessMessage=data.get("SuccMsg");
        String ErrorMessage=data.get("ErrorMsg");
        driver.get(url);
        System.out.println("Add a coupon, Check the Success Message, Check for
the record added in admin panel and in database");
    }
}

```

```

        AdminPage1 home = new AdminPage1(driver, wait);
        home.EnetrEmailAddress(userName);
        home.EnetrPassword(password);
        home.ClickonLoginButton();
        home.ClickOnMarketing();
        home.ClickOnCoupon();
        //1.Validate the presence of coupon header
        WebElement headcheck=driver.findElement(By.xpath("//div[@class='header-
title']/h1"));
        String headercheck= headcheck.getText();
        System.out.println(headercheck);
        Assert.assertEquals(Hd,headercheck);
        home.ClickonAddButton();
        home.EnterCouponName(CouponName);
        home.EnterCouponCode(CouponCode);
        home.EnterCouponDiscount(CouponDiscount);
        home.ClickonTheSaveButton();Thread.sleep(2000);
        Thread.sleep(2000);
        //3.1Validate the Success Message
        WebElement Success=driver.findElement(By.xpath("//div[@class='alert
alert-success alert-dismissible']"));
        String Msg=Success.getText().replace("x","").trim();
        System.out.println(Msg);
        Assert.assertEquals(Msg,SuccessMessage);
        //3.2. Validate the presence of record in the admin panel table
        WebElement
Name=driver.findElement(By.xpath("//table[@id='dataTableExample2']/tbody/tr[1]/td[2]"
));
        WebElement
Code=driver.findElement(By.xpath("//table[@id='dataTableExample2']/tbody/tr[1]/td[3]"
));
        WebElement
discount=driver.findElement(By.xpath("//table[@id='dataTableExample2']/tbody/tr[1]/td
[4]"));
        String Name1=Name.getText();
        String Code1=Code.getText();
        String Discount1=discount.getText().replace("%","").trim();
        Assert.assertEquals(Name1, CouponName);
        Assert.assertEquals(Code1, CouponCode);
        Assert.assertEquals(Discount1, CouponDiscount);
        //3.3 Validate the presence of record in the DB table
        Connection c =
DriverManager.getConnection("jdbc:mysql://foodsonfinger.com:3306/foodsonfinger_atozgr
oceries",
                                "foodsonfinger_atoz", "welcome@123");
        Statement s = c.createStatement();
        ResultSet rs = s.executeQuery("SELECT * from as_coupons where
name='ForTest' ");
        while (rs.next())
        {
            System.out.println("The coupon name added:"
+rs.getString("name"));
            System.out.println("The coupon discount added:"
+rs.getString("discount"));

```

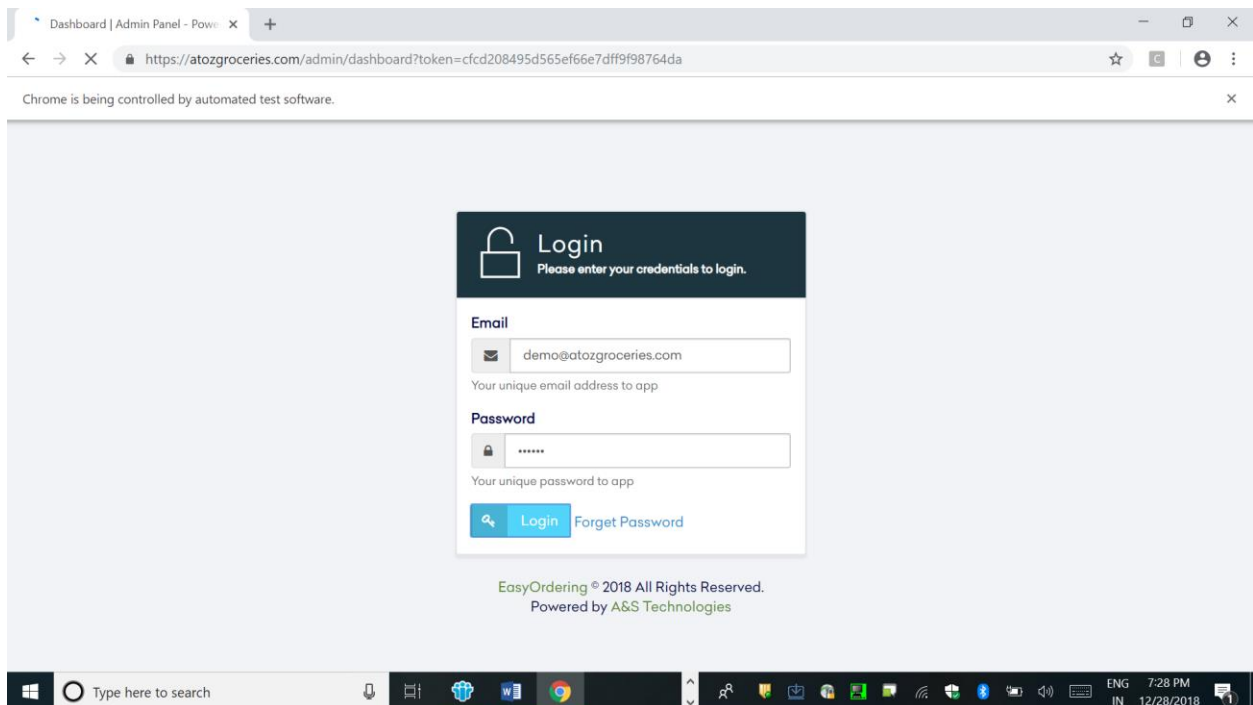
```

        System.out.println("The coupon code added:");
+rs.getString("code"));
        Assert.assertEquals(rs.getString("name"), CouponName);
        Assert.assertEquals(rs.getString("discount"),
CouponDiscount);
        Assert.assertEquals(rs.getString("code"), CouponCode);
    }
    //2.Validate the error message
    //Login with the user id alone and click on login button and validate
the error message
    System.out.println("To Check the error message");
    driver.navigate().to("https://atozgroceries.com/admin");
    home.EnetrEmailAddress(userName);
    home.ClickonLoginButton();
    WebElement Error=driver.findElement(By.xpath("//div[@class='alert
alert-danger alert-dismissible']"));
    String ErrMessage= Error.getText().replace("\n","").trim();
    System.out.println("The error message:" +ErrMessage);
    Assert.assertEquals(ErrMessage, ErrorMessage);
}
}
}

```

Screenshot of step Executed:

*Login into admin panel



*Coupon header is checked

Coupons | Admin Panel - Power... x

https://atozgroceries.com/admin/coupons/tab?token=cfd208495d565ef66e7dff9f98764da

Chrome is being controlled by automated test software.

easyordering [Logout](#)

Dashboard Catalog Sales Customers Marketing Coupons Mail Push Notification System Reports

Coupons

+ Home / Coupons

Coupon List

Show 10 entries Copy CSV Excel PDF Print Search:

#	Coupon Name	Code	Discount	Date Start	Date End	Status	Action
1	Coupon_Rajendra	ABC123	15%	2018-12-20	2018-12-30	Enabled	Action
2	10% OFF on GROC 2000	GROC	15%	2018-12-20	2018-12-30	Enabled	Action
3	20 offer	20OFF	20%	0000-00-00	0000-00-00	Enabled	Action

Previous 1 Next

Type here to search

ENG 7:31 PM IN 12/28/2018

*New Coupon record is added

Coupons | Admin Panel - Power... x

https://atozgroceries.com/admin/coupons/new?token=d3d9446802a44259755d38e6d163e820

Chrome is being controlled by automated test software.

easyordering [Logout](#)

Dashboard Catalog Sales Customers Marketing Coupons Mail Push Notification System Reports

Coupons

+ Home / Coupons

Add Coupon

* **Coupon Name**
ForTest

* **Code**
Test

Type
Percentage

* **Discount**
10

Minimum Amount

Type here to search

ENG 7:33 PM IN 12/28/2018

*The success message for record addition is checked

The screenshot shows the 'Coupons' admin panel. A green success message banner at the top reads: 'Success: You have successfully added new coupon!'. Below this is the 'Coupon List' table. The table has columns for #, Coupon Name, Code, Discount, Date Start, Date End, Status, and Action. It contains three entries:

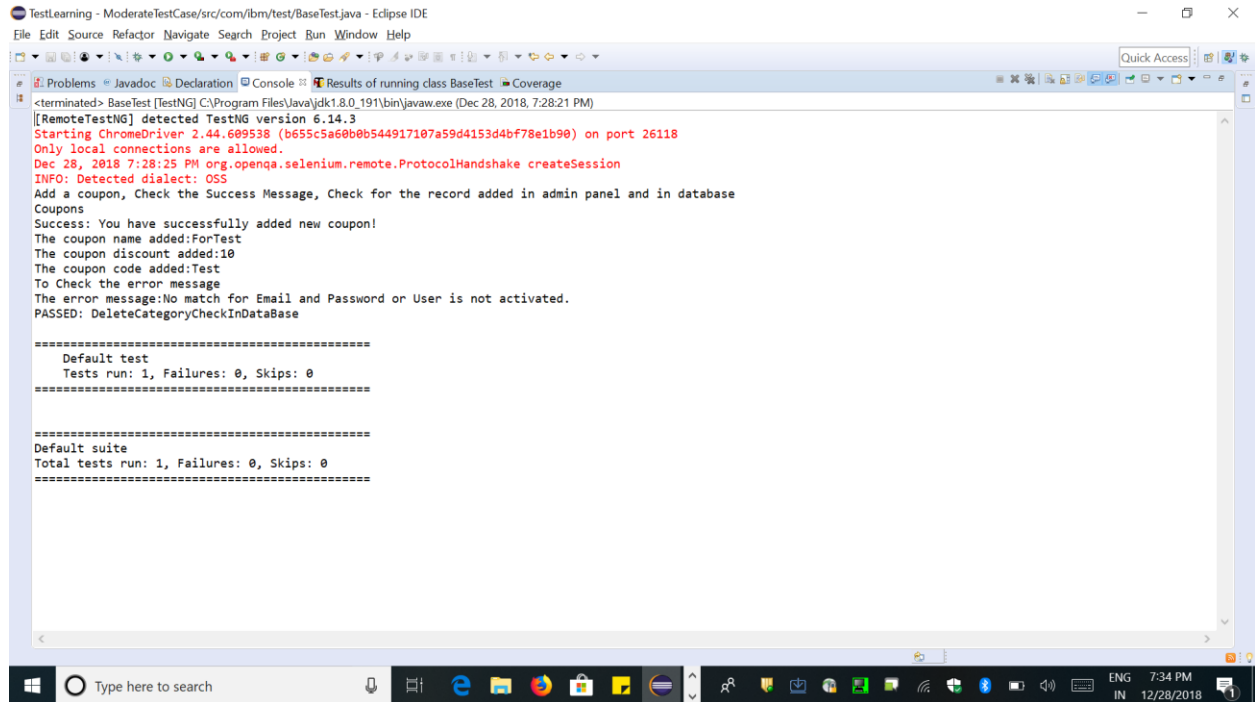
#	Coupon Name	Code	Discount	Date Start	Date End	Status	Action
1	ForTest	Test	10%	0000-00-00	0000-00-00	Enabled	Action
2	Coupon_Rajendra	ABC123	15%	2018-12-20	2018-12-30	Enabled	Action
3	10% OFF on GROC 2000	GROC	15%	2018-12-20	2018-12-30	Enabled	Action

The left sidebar shows the navigation menu with 'Marketing' expanded, showing 'Coupons', 'Mail', and 'Push Notification'. The top header shows 'easyordering' and 'Logout'. The browser address bar shows the URL: <https://atozgroceries.com/admin/coupons/tab?token=c81e728d9d4c2f636f067f89cc14862c>.

*Validating the error message

The screenshot shows the login page. A red error message banner at the top reads: 'No match for Email and Password or User is not activated.'. Below this is the 'Login' form. The form has a title 'Login' and a subtitle 'Please enter your credentials to login.'. It contains two input fields: 'Email' (with a placeholder 'Email address') and 'Password' (with a placeholder 'Your unique password to app'). Below the password field is a 'Login' button and a 'Forgot Password' link. The left sidebar shows the navigation menu with 'Marketing' expanded, showing 'Coupons', 'Mail', and 'Push Notification'. The top header shows 'easyordering' and 'Logout'. The browser address bar shows the URL: <https://atozgroceries.com/admin?action=login&c4ca4238a0b923820dcc509a6f75849b>.

*Eclipse output window



The screenshot shows the Eclipse IDE interface with the console window open. The console displays the output of a Java test run for the class BaseTest. The output includes information about the TestNG version, the ChromeDriver, and the results of the test execution. The test passed, and the console shows the success message and the coupon details.

```
<terminated> BaseTest [TestNG] C:\Program Files\Java\jdk1.8.0_191\bin\javaw.exe (Dec 28, 2018, 7:28:21 PM)
[RemoteTestNG] detected TestNG version 6.14.3
Starting ChromeDriver 2.44.609538 (b655c5a608b544917107a59d4153d4bf78e1b90) on port 26118
Only local connections are allowed.
Dec 28, 2018 7:28:25 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS
Add a coupon, Check the Success Message, Check for the record added in admin panel and in database
Coupons
Success: You have successfully added new coupon!
The coupon name added:ForTest
The coupon discount added:10
The coupon code added:Test
To Check the error message
The error message:No match for Email and Password or User is not activated.
PASSED: DeleteCategoryCheckInDataBase

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

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