

Hi,

PFB day 12 test case,

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

```
package com.ibm.test;

import static org.testng.Assert.assertTrue;

import java.io.File;
import java.io.IOException;
import java.sql.SQLException;
import java.util.Date;
import java.util.HashMap;
import java.util.List;
import java.util.concurrent.TimeUnit;

import org.apache.commons.io.FileUtils;
import org.openqa.selenium.By;
import org.openqa.selenium.JavascriptExecutor;
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.firefox.FirefoxDriver;
import org.openqa.selenium.support.ui.ExpectedConditions;
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.Parameters;
import org.testng.annotations.Test;
import com.ibm.pages.AdminPage;
import com.ibm.pages.CouponPage;
import com.ibm.pages.LoginPage;
import com.ibm.pages.MarketingPage;
import com.ibm.pages.ProductPage;
import com.ibm.pages.ReturnStatusPage;
```

```

import com.ibm.pages.ShippingPage;
import com.ibm.pages.UserPage;
import com.ibm.pages.UserSignInPage;
import com.ibm.utilities.DBUtil;
import com.ibm.utilities.ExcelUtil;
import com.ibm.utilities.PropertiesFileHandler;
import com.sun.beans.introspect.PropertyInfo.Name;

public class BaseTest {

    WebDriver driver;
    WebDriverWait wait;
    JavascriptExecutor js;
    PropertiesFileHandler propFileHandler;
    HashMap<String, String> data;

    // beforeSuite method is used to declare the statement that are going to
execute
    // before the running of testcase

    @BeforeSuite

    public void preSetForTest() throws IOException {

        String file = "./TestData/data.properties";
        propFileHandler = new PropertiesFileHandler();
        data = propFileHandler.getPropertiesAsMap(file);

    }

    // beforeMethod is used to declare the statement that are going to run at the
// starting of all test cases
    @BeforeMethod

    public void Initialization() {

        System.setProperty("webdriver.chrome.driver",
"./driver/chromedriver.exe");
        System.setProperty("webdriver.gecko.driver",
"./driver/geckodriver.exe");
        driver = new ChromeDriver();// opening the chrome browser

        // driver=new FirefoxDriver();
        wait = new WebDriverWait(driver, 120);// giving explicit wait
        driver.manage().window().maximize();// maximizing the window
        driver.manage().deleteAllCookies();
        driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS); //
declaring implicit wait

    }

    // afterMethod is used to run once all the test cases are run

    @AfterMethod
    public void closeBrowser() {

```

```

        driver.quit();// close the browser
    }

@Test
    public void TestCase12() throws InterruptedException, SQLException {

        String url = data.get("url");
        String username = data.get("user");
        String password = data.get("password");
        String expectedmsg = data.get("tooltipmsg");
        String actualname = data.get("actualname");
        String couponname = data.get("couponname");
        String expectedcouponmsg = data.get("couponmsg");

        // open the url https://atozgroceries.com/admin
        driver.get(url);

        // calling login page method to enter the user name, password and click
on log // in button
        LoginPage login = new LoginPage(driver, wait);
        login.enterEmailAddress(username);
        login.enterPassword(password);
        login.clickOnLogin();

        MarketingPage marketing = new MarketingPage(driver, wait);

        marketing.clickOnMarketing();
        CouponPage coupon = new CouponPage(driver, wait);

        // saving without giving the mandatory field and verifying the negative
part // saving without giving the mandatory field and verifying the negative
        coupon.editcoupon(actualname);
        Thread.sleep(5000);
        // method verify the tooltip msg
        String actualtooltipmsg = coupon.getTextcoupon();

        Assert.assertTrue(actualtooltipmsg.contains(expectedmsg), "Assertion on
tooltip msg");

        // method after filling the mandatory field

        coupon.coupon(actualname, couponname);
        // method to verify the update msg
        String updatemsg = coupon.getTextsucess();
        System.out.println(updatemsg);

        // assertion on update msg
        Assert.assertTrue(updatemsg.contains(expectedcouponmsg), "Assertion of update
msgafter adding coupon");

        // after modifying the coupon name verifying the presence of name in the
admin tool

```

```

        List<WebElement> rowEle =
driver.findElement(By.xpath("//table[@id='dataTableExample2']/tbody/tr"));
        wait.until(ExpectedConditions.visibilityOfAllElements(rowEle));
        int rows = rowEle.size();

        wait.until(ExpectedConditions.visibilityOfAllElements(rowEle));

        for (int i = 1; i <= rows; i++) {

            String name =
driver.findElement(By.xpath("//table[@id='dataTableExample2']/tbody/tr/td[2]")).getText();

            if (name.equals(couponname))
            {
                System.out.println("Element is Present");
            }
            else {
                System.out.println("Element is Absent");
            }
            break;
        }

        Thread.sleep(2000);

        // DB validation method to verify the modified coupon name
        String modifiedname= coupon.DBvalidation(couponname);

        System.out.println(modifiedname);

    }

}

```

Coupon Name Page:

```

package com.ibm.pages;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
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.WebDriverWait;
import org.testng.Assert;

public class CouponPage {

    WebDriver driver;
    WebDriverWait wait;
    JavascriptExecutor js;

    @FindBy(xpath = "//*[@id=\"side-menu\"]/li[5]/ul/li[1]/a")
    WebElement couponsEle;

    @FindBy(xpath =
"//table[@id='dataTableExample2']/tbody/tr/td[8]/descendant::button")
    WebElement actionEle;

    @FindBy(xpath =
"(/table[@id='dataTableExample2']/tbody/tr/td[8]/descendant::ul/li)[2]")
    WebElement deleteEle;

    @FindBy(xpath = "//button[@class='confirm']")
    WebElement deleteconfirmEle;

    @FindBy(xpath = "//*[contains(text(),'You have successfully deleted data')]")
    WebElement deleteMsgEle;
    @FindBy(xpath = "//button[@title='Save']")
    WebElement saveEle;
    @FindBy(xpath="//*[contains(text(),'Success: You have successfully updated
coupon code!')]")
    WebElement sucessmsgEle;

    // Constructor
    public CouponPage(WebDriver driver, WebDriverWait wait) {
        PageFactory.initElements(driver, this);
        this.driver = driver;
        this.wait = wait;
        js = (JavascriptExecutor) driver;
    }

    public void editcoupon(String actualname) throws InterruptedException {

        // click on coupon
        couponsEle.click();

        List rowEle =
driver.findElements(By.xpath("//table[@id='dataTableExample2']/tbody/tr"));
        wait.until(ExpectedConditions.visibilityOfAllElements(rowEle));
        int rows = rowEle.size();

```

```

        wait.until(ExpectedConditions.visibilityOfAllElements(rowEle));

        for (int i=1; i<=rows;i++)
        {
            String name =
driver.findElement(By.xpath("//table[@id='dataTableExample2']/tbody/tr[" + i +
"]/td[2]")).getText().trim();

            if (name.equals(actualname))
            {
                // clicking on the desired record

                driver.findElement(By.xpath("//table[@id='dataTableExample2']/tbody/tr/td[8]/d
escendant::button")).click();

                driver.findElement(By.xpath("//table[@id='dataTableExample2']/tbody/tr/td[8]/d
escendant::ul/li/a")).click();

                // clear the text of Coupon name field

                driver.findElement(By.xpath("//input[@name='name']")).clear();

                // click on save
                js.executeScript("arguments[0].click();", saveEle);

                break;
            }
        }

    }
    // method to verify the tooltip msg
    public String gettextcoupon() {

        String msg= js.executeScript("return
document.getElementsByName('name')[0].validationMessage").toString().trim();
        return msg;

    }

    public void coupon(String actualname, String couponname) {

        // click on coupon
        couponsEle.click();

        List<WebElement> rowEle =
driver.findElements(By.xpath("//table[@id='dataTableExample2']/tbody/tr"));

```

```

        wait.until(ExpectedConditions.visibilityOfAllElements(rowEle));
        int rows = rowEle.size();
        wait.until(ExpectedConditions.visibilityOfAllElements(rowEle));

        for (int i=1; i<=rows;i++)
        {
            String name =
driver.findElement(By.xpath("//table[@id='dataTableExample2']/tbody/tr[" + i +
"]/td[2]")).getText().trim();

            if (name.equals(actualname))
            {

                // click on action for the desired record
                actionEle.click();

                // click on edit

                driver.findElement(By.xpath("//table[@id='dataTableExample2']/tbody/tr/td[8]/d
escendant::ul/li/a")).click();

                // clear the text of Coupon name field

                driver.findElement(By.xpath("//input[@name='name']")).clear();

                driver.findElement(By.xpath("//input[@name='name']")).sendKeys(couponname);

                // click on save

                js.executeScript("arguments[0].click();", saveEle);

                break;
            }
        }
    }

// verify the success msg after modifying the coupon
    public String gettextsucsess() {

        wait.until(ExpectedConditions.presenceOfElementLocated(By.xpath("//*[contains(
text(),'Success: You have successfully updated coupon code!')]")));
        String updatemsg= sucssmsgEle.getText();

        return updatemsg;
    }

```

```

// DB validation to verify the modified coupon name

    public String DBvalidation(String couponname) throws SQLException {

        // connection to the DB
        Connection c =
DriverManager.getConnection("jdbc:mysql://foodsonfinger.com:3306/foodsonfinger_atozgroceries",
                                "foodsonfinger_atoz", "welcome@123");
        Statement s = c.createStatement();
        ResultSet rs = s.executeQuery("SELECT * FROM `as_coupons` WHERE
name =\"code_modified\" ");
        while( rs.next())
        {
            Assert.assertTrue(couponname.equals(rs.getString("name")))
        }
        return couponname;
    }
}

```

Data Properties:

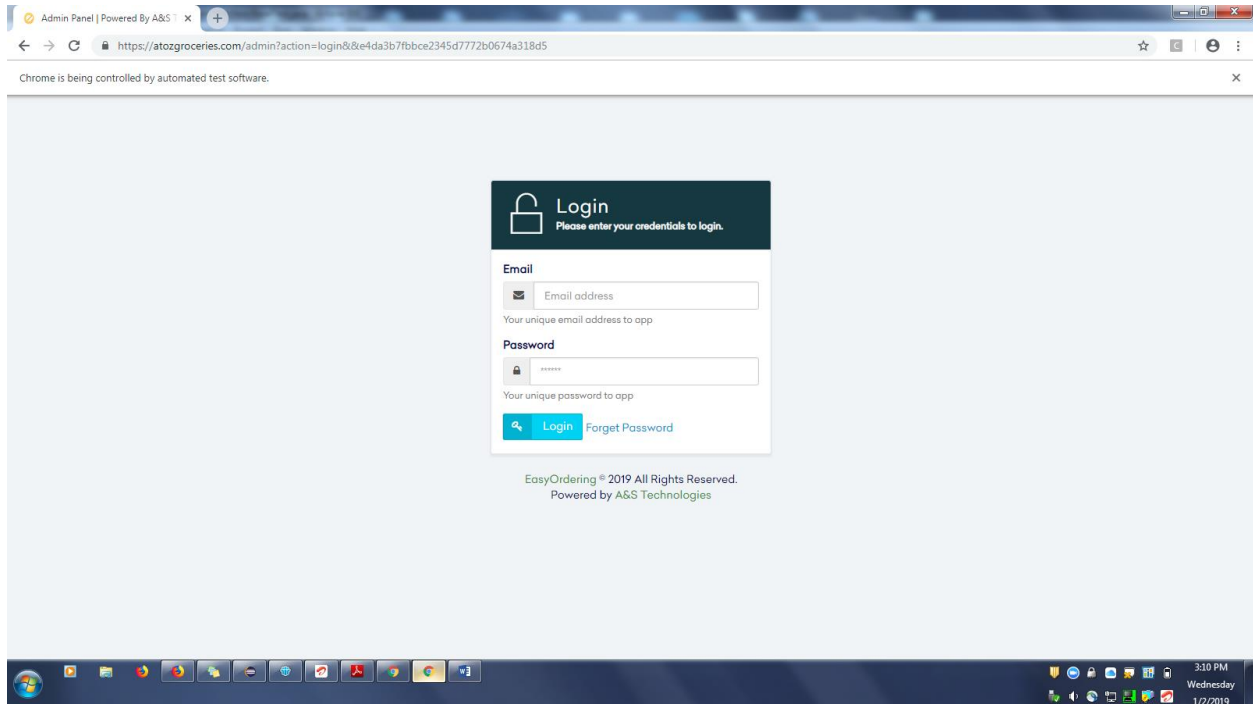
```

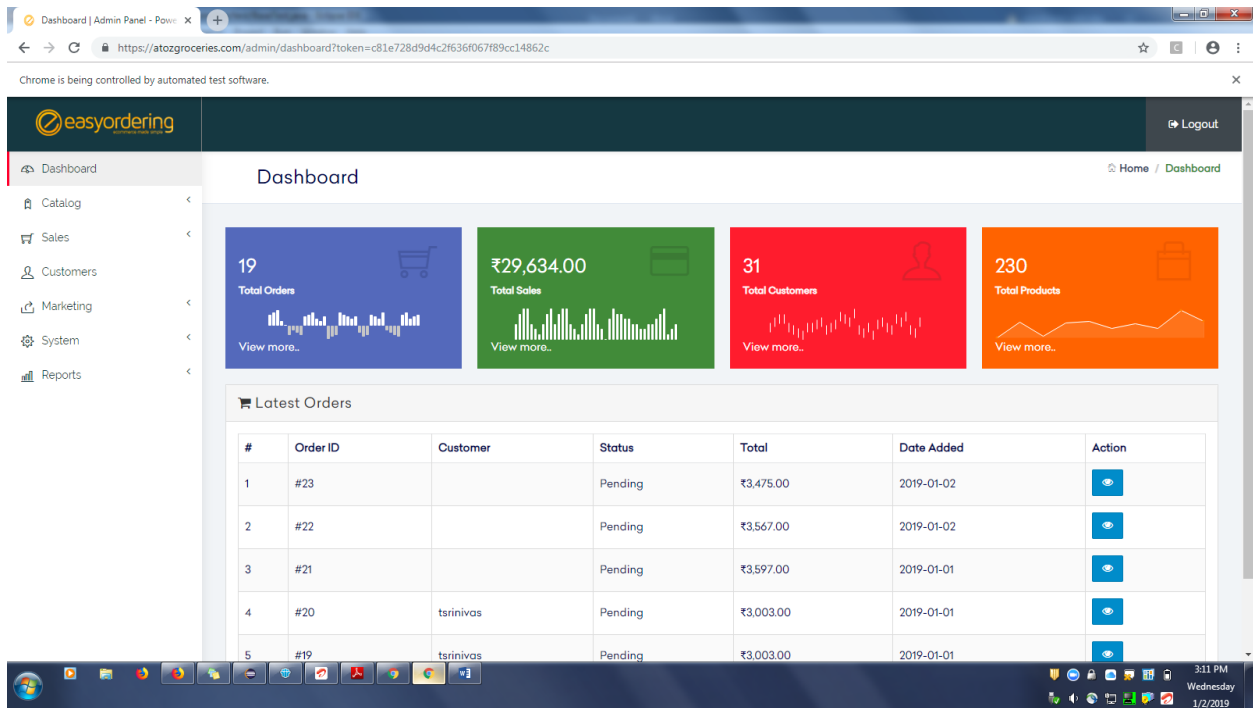
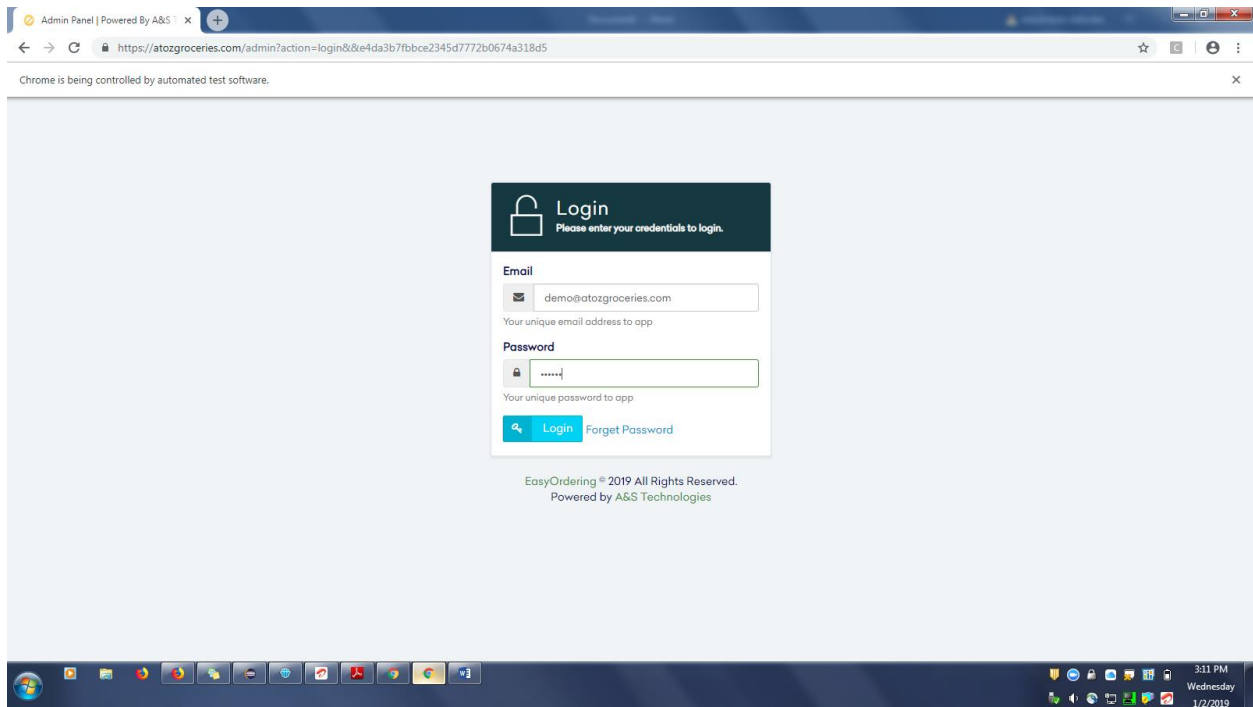
url=https://atozgroceries.com/admin
user=demo@atozgroceries.com
password=456789
requiredmsg=You have successfully deleted data
expectedmsg=Edit Information
name=Test
expectedtooltipmsg=Please fill out this field.
email=test02@gmail.com
savemsg=Success: You have successfully updated user!
Userpassword=12345
Userconfirmpassword=12345
productname=NewTest
urlnew=https://atozgroceries.com
fullname=User05
Phonenum=1112223338
signinpassword=test1124
signinconfirmpassword=test1124
userpageexpectedmsg=Please fill out this field.
expectedtext=NewTest(working on this)
expectedsearchtext:QUICK OVERVIEW
expectedupdatemsg:Success: You have successfully updated product!
oldname=NewTest(working on this)
expectednewtext=mithaimate
code=TEST12
expectedtitle=Shipping Location
expectederrormsg=Please fill out this field.
expectedshippingmsg= Success: You have successfully added shipping location!
expectedname=Test

```



tooltipmsg=Please fill out this field.  
couponname=code\_modify  
coupnmsg=Success: You have successfully updated coupon code!  
actualname=code





Dashboard | Admin Panel - Power: X

Chrome is being controlled by automated test software.

### easyordering

Logout

Dashboard Catalog Sales Customers Marketing Coupons Mail Push Notification System Reports

## Dashboard

Home / Dashboard

19  
Total Orders  
View more...

₹29,634.00  
Total Sales  
View more...

31  
Total Customers  
View more...

230  
Total Products  
View more...

### Latest Orders

#	Order ID	Customer	Status	Total	Date Added	Action
1	#23		Pending	₹3,475.00	2019-01-02	<a href="#">View</a>
2	#22		Pending	₹3,567.00	2019-01-02	<a href="#">View</a>
3	#21		Pending	₹3,597.00	2019-01-01	<a href="#">View</a>
4	#20	tsrinivas	Pending	₹3,003.00	2019-01-01	<a href="#">View</a>
		tsrinivas	Pending	₹3,003.00	2019-01-01	<a href="#">View</a>

Coupons | Admin Panel - Power: X

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	code	Test12	10%	0000-00-00	0000-00-00	Enabled	<a href="#">Action +</a>
2	25	25OFF	25%	2014-05-06	2002-04-05	Enabled	<a href="#">Action +</a>
3	10 Offer	10OFF	10%	2019-01-01	2019-01-15	Enabled	<a href="#">Action +</a>
4	New Year 2019 Offer	30JANOFF	30%	2019-01-01	2019-01-15	Enabled	<a href="#">Action +</a>
5	ForTest	Test	10%	0000-00-00	0000-00-00	Enabled	<a href="#">Action +</a>
6	Coupon_Rajendra	ABC123	15%	2018-12-20	2018-12-30	Enabled	<a href="#">Action +</a>
7	10% OFF on GROC 2000	GROC	15%	2018-12-20	2018-12-30	Enabled	<a href="#">Action +</a>

Coupons | Admin Panel - Power... X

← → ↻ https://atozgroceries.com/admin/coupons/tab?token=45c48cce2e2d7fbdea1afc51c7c6ad26 ☆ | ⌵ | ⌵ | ⌵

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	code	Test12	10%	0000-00-00	0000-00-00	Enabled	Action +
2	25	25OFF	25%	2014-05-06	2002-04-05	Enabled	Edit Delete
3	10 Offer	10OFF	10%	2019-01-01	2019-01-15	Enabled	Action +
4	New Year 2019 Offer	30JANOFF	30%	2019-01-01	2019-01-15	Enabled	Action +
5	ForTest	Test	10%	0000-00-00	0000-00-00	Enabled	Action +
6	Coupon_Rajendra	ABC123	15%	2018-12-20	2018-12-30	Enabled	Action +
7	10% OFF on GROC 2000	GROC	15%	2018-12-20	2018-12-30	Enabled	Action +

3:49 PM  
Wednesday  
1/2/2019

Coupons | Admin Panel - Power... X

← → ↻ https://atozgroceries.com/admin/coupons/edit/81?token=c4ca4238a0b923820dcc509a6f75849b ☆ | ⌵ | ⌵ | ⌵

Chrome is being controlled by automated test software.

**easyordering** Logout

Dashboard < Catalog < Sales < Customers < Marketing > Coupons > Mail > Push Notification < System < Reports <

## Coupons

+ / Home / Coupons

### Edit Coupon

\* Coupon Name  
Coupon Name

\* Code  
Test12

Type  
Percentage

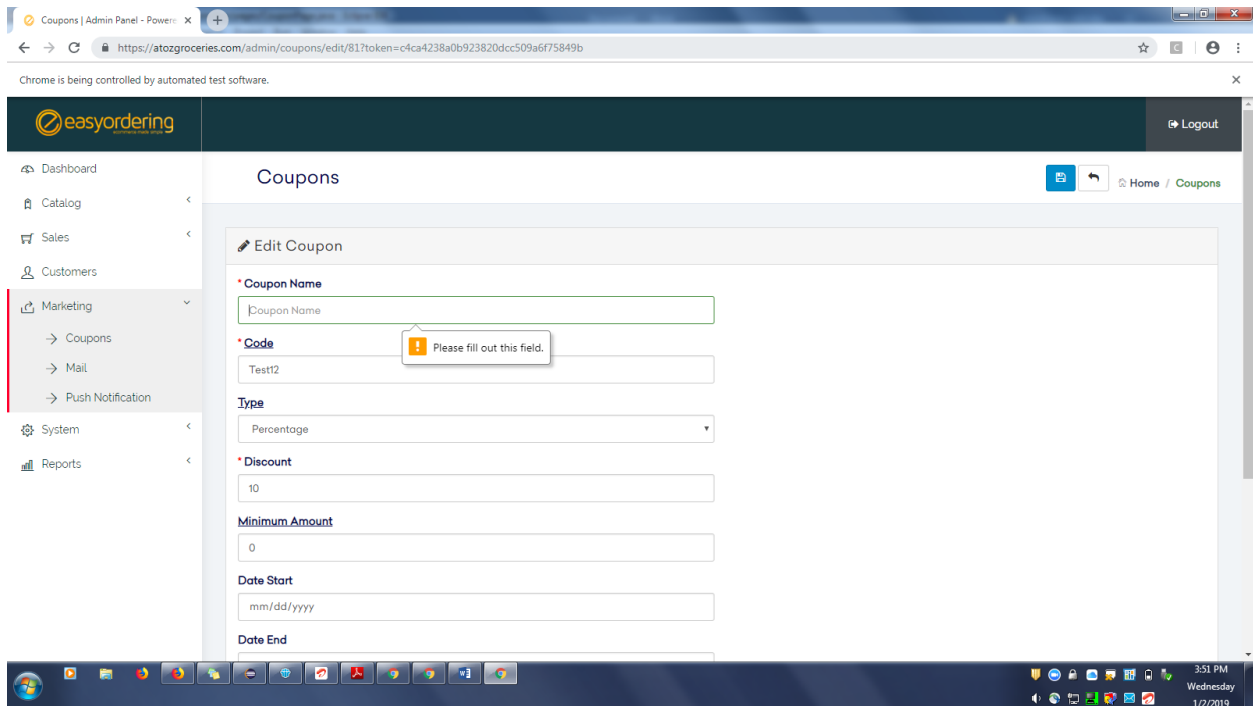
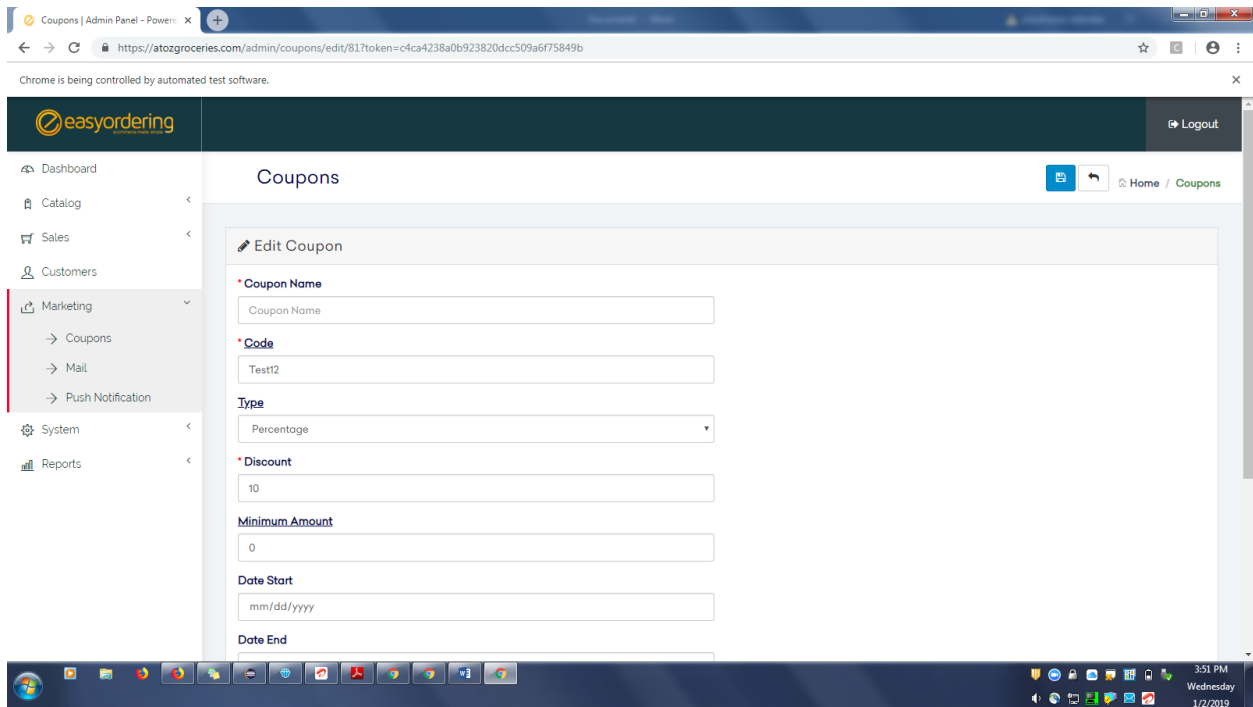
\* Discount  
10

Minimum Amount  
0

Date Start  
mm/dd/yyyy

Date End

3:49 PM  
Wednesday  
1/2/2019



Validate +vescenario

Coupons | Admin Panel - Power... X

← → ↻ https://atozgroceries.com/admin/coupons/tab?token=c9f0f895fb98ab9159f51fd0297e236d

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	code	Test12	10%	0000-00-00	0000-00-00	Enabled	Action +
2	25	25OFF	25%	2014-05-06	2002-04-05	Enabled	Action +
3	10 Offer	10OFF	10%	2019-01-01	2019-01-15	Enabled	Action +
4	New Year 2019 Offer	30JANOFF	30%	2019-01-01	2019-01-15	Enabled	Action +
5	ForTest	Test	10%	0000-00-00	0000-00-00	Enabled	Action +
6	Coupon_Rajendra	ABC123	15%	2018-12-20	2018-12-30	Enabled	Action +
7	10% OFF on GROC 2000	GROC	15%	2018-12-20	2018-12-30	Enabled	Action +

4:08 PM  
Wednesday  
1/2/2019

Coupons | Admin Panel - Power... X

← → ↻ https://atozgroceries.com/admin/coupons/tab?token=c9f0f895fb98ab9159f51fd0297e236d

Chrome is being controlled by automated test software.

**easyordering** Logout

Dashboard Catalog Sales Customers Marketing Coupons Mail Push Notification System Reports

### Coupons

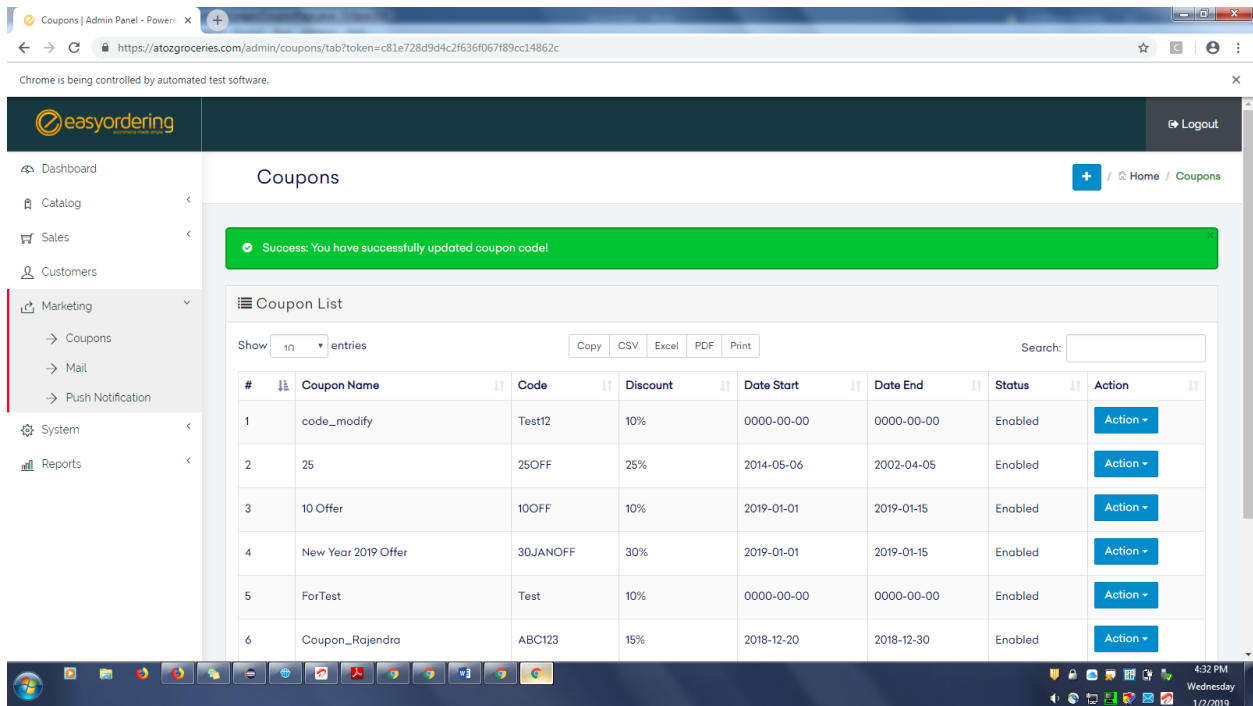
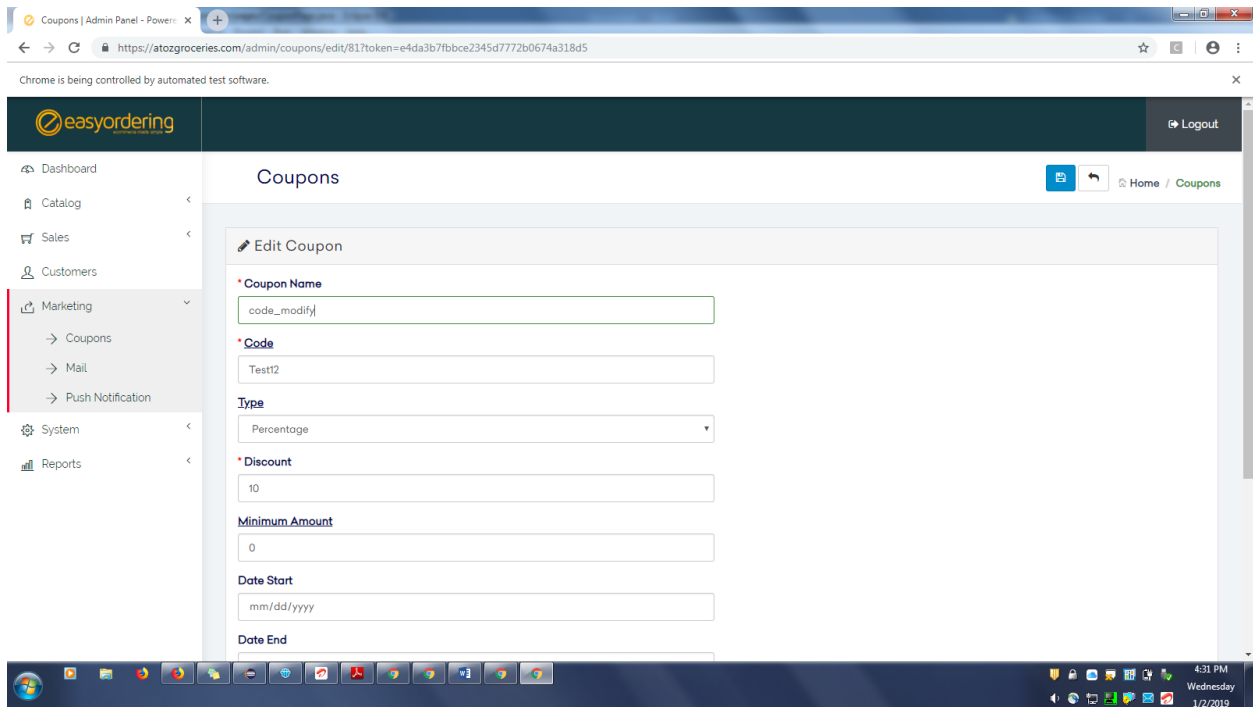
+ Home / Coupons

#### Coupon List

Show 10 entries Copy CSV Excel PDF Print Search:

#	Coupon Name	Code	Discount	Date Start	Date End	Status	Action
1	code	Test12	10%	0000-00-00	0000-00-00	Enabled	Action +
2	25	25OFF	25%	2014-05-06	2002-04-05	Enabled	Edit Delete
3	10 Offer	10OFF	10%	2019-01-01	2019-01-15	Enabled	Action +
4	New Year 2019 Offer	30JANOFF	30%	2019-01-01	2019-01-15	Enabled	Action +
5	ForTest	Test	10%	0000-00-00	0000-00-00	Enabled	Action +
6	Coupon_Rajendra	ABC123	15%	2018-12-20	2018-12-30	Enabled	Action +
7	10% OFF on GROC 2000	GROC	15%	2018-12-20	2018-12-30	Enabled	Action +

4:09 PM  
Wednesday  
1/2/2019



```
Console  Results of running class BaseTest
<terminated> BaseTest [TestNG] C:\Program Files\Java\jdk-11.0.1\bin\javaw.exe (Jan 2, 2019, 4:53:14 PM)
Jan 02, 2019 4:53:17 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS
Success: You have successfully updated coupon code!
x
Element is Present
code_modify
PASSED: TestCase12

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

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