Hi,

PFA day 11 test case,

Description	Test Steps	Validation
Add a Shipping Location	1. Navigate onto admin panel -> System -> Shipping -> Shipping Locations 2. Click on Save without populating any information 3. Populate the other mandatory fields	1. Validate the presence of Shipping Location 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

```java
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.ReturnSatusPage;
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;

public class BaseTest {

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

	// beforesuit 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 testcase11() throws InterruptedException, SQLException {

             String url = data.get("url");
             String username = data.get("user");
             String password = data.get("password");
             String expectedtitle= data.get("expectedtitle");
             String expectederrormsg= data.get("expectederrormsg");
             String expectedshippingmsg= data.get("expectedshippingmsg");
             String expectedname= data.get("expectedname");

             // 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();

       // calling shipping page method

                    ShippingPage shipping = new ShippingPage(driver, wait);

       // calling method that will do the save operation without filling the
mandatory field

                    shipping.witherrormsg();

                    Thread.sleep(5000);
                    String title= driver.getTitle();
                     System.out.println(title);
                          Assert.assertTrue(title.contains(expectedtitle),
"Assertion on page title");

                    Thread.sleep(5000);
                    String actualerrormsg=shipping.gettexttoverifymsg();
                     System.out.println(actualerrormsg);


       Assert.assertTrue(actualerrormsg.contains(expectederrormsg), " Assertion on
tooltipmsg");



                          // opening the URL once again to perform the positive
scenario by filling mandatory field

                          //navigating to the admin url
                      driver.get(url);

                    // enter the user id, password and and click login
```

```
                                login.enterEmailAddress(username);
                                login.enterPassword(password);
                                login.clickOnLogin();

                    // shipping page method  after entering the mandatory field

                                shipping.withouterrormsg();

                                Thread.sleep(2000);


                                String actual=shipping.verifyupdatemsg();



      Assert.assertTrue(actual.contains(expectedshippingmsg),"Assertion on update
shipping location message");


                                // this code shows the presence of element in
Admintool table after  adding the record
                                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++)
                                {





      if(driver.findElements(By.xpath("//table[@id='dataTableExample2']/tbody/tr["+i
+"]/td[2]")).size() != 0){
                                      System.out.println("Element is Present");
                                      }
                                else
                                {
                                      System.out.println("Element is Absent");
                                      }

                                // calling the db method on main mathod to verify
the changes

                                String actualname= shipping.dbVerification();

                                Assert.assertTrue(actualname.contains(expectedname),
"Assertion of locationname in DB");
```

```
					break;









	}


	}

}
```

Shipping 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 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 com.sun.beans.introspect.PropertyInfo.Name;

import org.junit.Assert;

public class ShippingPage {

	WebDriverWait wait;
	WebDriver driver;
	JavascriptExecutor js;
```

```
    @FindBy(xpath="//*[@id=\"side-menu\"]/li[6]/a/span")
    WebElement systemEle;
    @FindBy(xpath="//*[@id=\"side-menu\"]/li[6]/ul/li[3]/a")
    WebElement shippingEle;
    @FindBy(xpath="//*[@id=\"side-menu\"]/li[6]/ul/li[3]/ul/li[2]/a")
    WebElement shippingLocEle;
    @FindBy(xpath="//a[@title='Add New']")
    WebElement AddEle;
    @FindBy(xpath="//button[@title='Save']")
    WebElement saveEle;
    @FindBy(xpath="//input[@type='text']")
    WebElement citynameEle;

    @FindBy(xpath = "//*[contains(text(),'Success: You have successfully added shipping location!')]")
    WebElement successMsgEle;

    public ShippingPage(WebDriver driver, WebDriverWait wait) {
        PageFactory.initElements(driver, this);

        this.driver= driver;
        this.wait = wait;
     js=(JavascriptExecutor) driver;


    }

    public void witherrormsg() throws InterruptedException {

        // click on system

        systemEle.click();

        // click on shipping

    wait.until(ExpectedConditions.visibilityOfElementLocated(By.className("material-ripple")));
        shippingEle.click();

        Thread.sleep(2000);

        // Click on shipping location
         shippingLocEle.click();

         String title= driver.getTitle();
         System.out.println(title);

         Thread.sleep(5000);


         // click on Add  button
```

```
              AddEle.click();

              Thread.sleep(2000);

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

       }

              public String gettexttoverifymsg() {

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

                    return actualerrormsg;

              }

             public void withouterrormsg() throws InterruptedException {

                    // click on system

                    systemEle.click();

                    // click on shipping

                    shippingEle.click();

                    // Click on shipping location
                     shippingLocEle.click();

                     String title= driver.getTitle();
                     System.out.println(title);

                     Thread.sleep(5000);


                     // click on Add  button

                     AddEle.click();

                     Thread.sleep(2000);

                     // enter the city name

                     citynameEle.sendKeys("Test");

                     // enter the short order as '0'
                     driver.findElement(By.xpath("//input[@type='number']")).clear();

driver.findElement(By.xpath("//input[@type='number']")).sendKeys("0");


                     // click on save

                     Thread.sleep(2000);
                     js.executeScript("arguments[0].click();", saveEle);



             }


       public String verifyupdatemsg() {

          String updateshippingmsg= successMsgEle.getText();

             return updateshippingmsg;



       }






       // DB method  to verify the product name that is added is displaying in the DB 
also
       public String dbVerification() throws SQLException {

             //  connection to the DB
           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_shipping_location` WHERE name=\"Test\"; ");


                  String actualname= null;
                  while(rs.next())
                  {
                      actualname= rs.getString("name");



                     System.out.println(actualname);




                  }

                          return actualname;
```

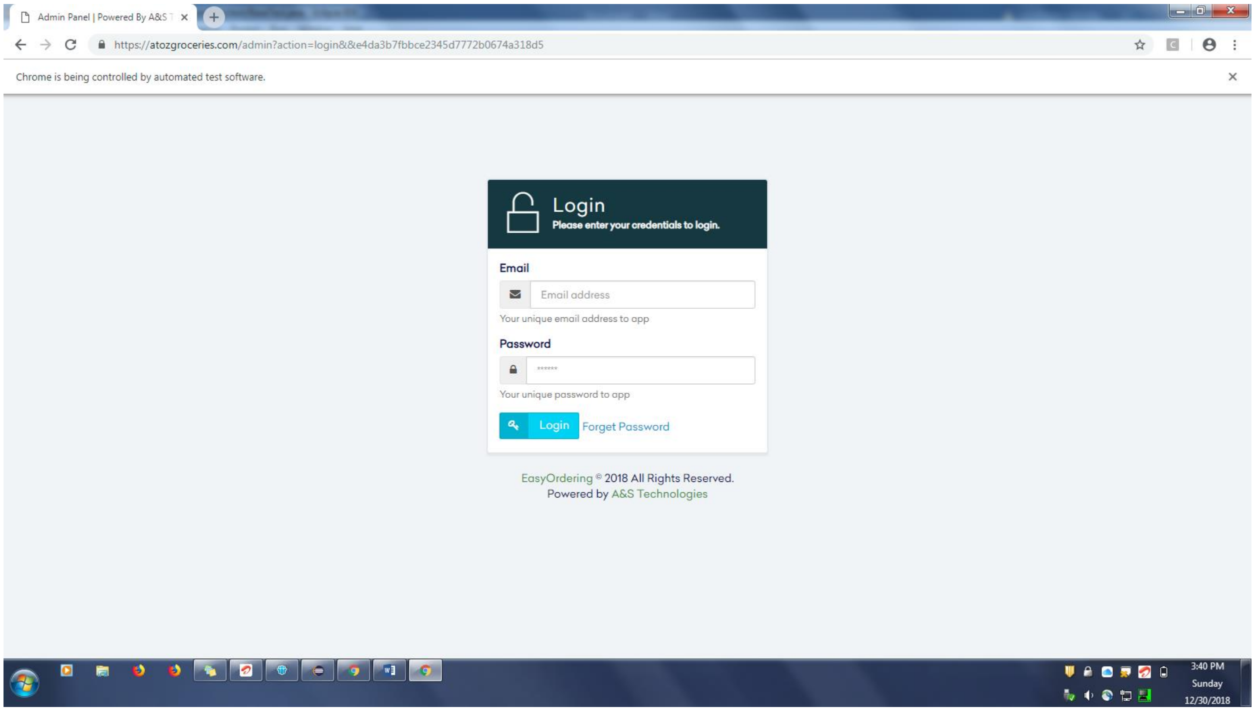
```
            }




           }
```

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
Userconfirmpasword=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)
expectedsearctext:QUICK OVERVIEW
expectedupdatemsg:Success: You have successfully updated product!
oldname=NewTest(working on this)
expectednewtext=mithaimate
code=TEST11
expectedtitle=Shipping Location
expectederrormsg=Please fill out this field.
expectedshippingmsg= Success: You have successfully added shipping location!
expectedname=Test
```



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https://atozgroceries.com/admin?action=login&&e4da3b7fbbce2345d7772b0674a318d5

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Login
Please enter your credentials to login.

Email
Email address
Your unique email address to app

Password
******
Your unique password to app

Login Forget Password

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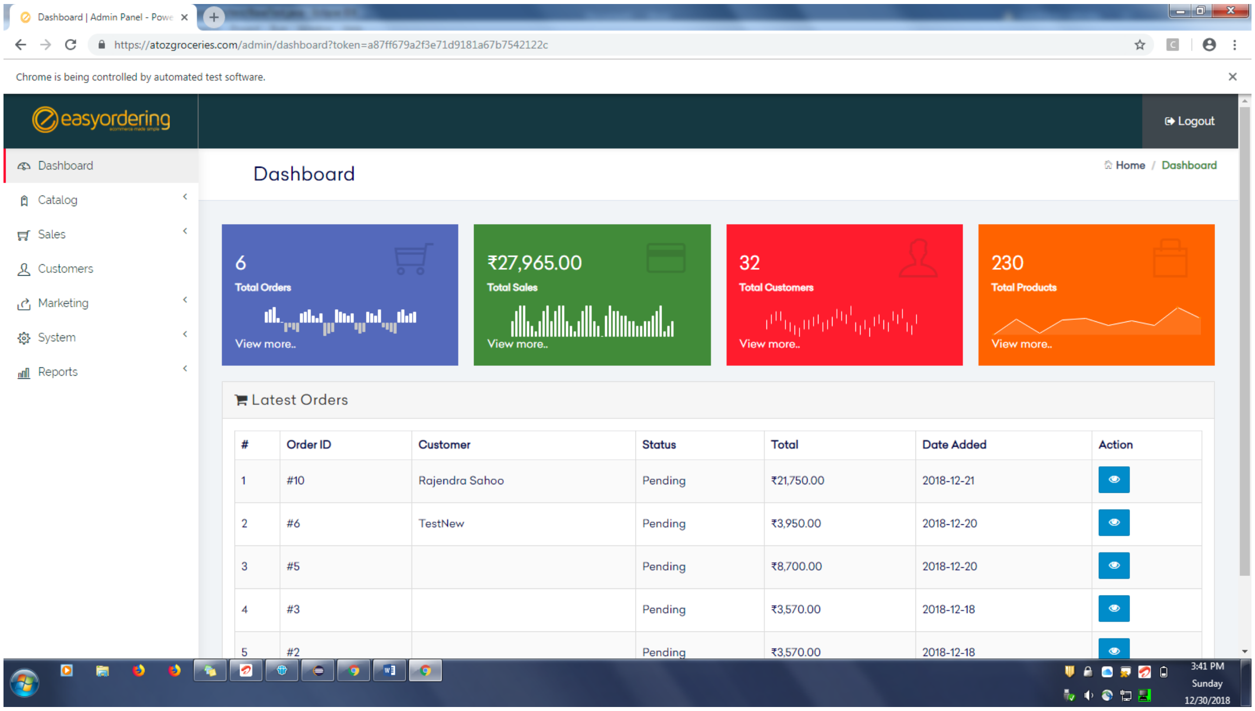

Dashboard | Admin Panel - Powe

https://atozgroceries.com/admin/dashboard?token=a87ff679a2f3e71d9181a67b7542122c

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Dashboard

6
Total Orders

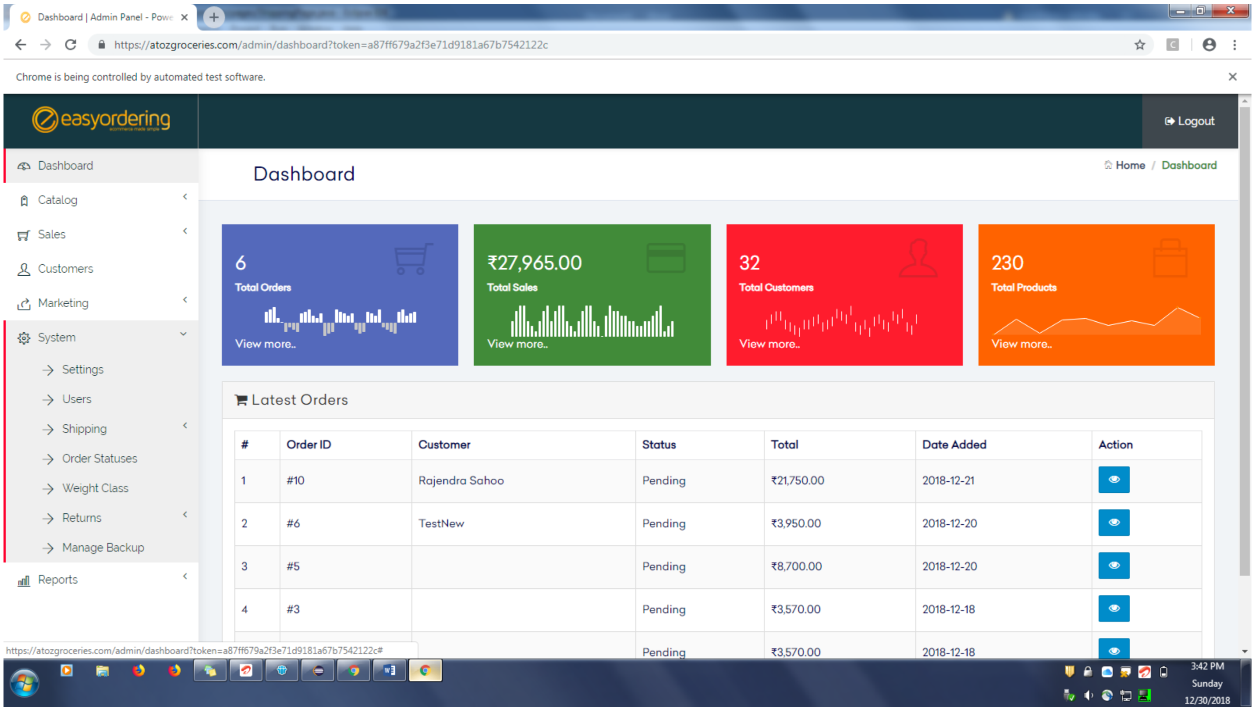
₹27,965.00
Total Sales

32
Total Customers

230
Total Products

Latest Orders

#	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	👁


Dashboard | Admin Panel - Powe
https://atozgroceries.com/admin/dashboard?token=a87ff679a2f3e71d9181a67b7542122c
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easyordering
Logout
Dashboard
Catalog
Sales
Customers
Marketing
System
Settings
Users
Shipping
Order Statuses
Weight Class
Returns
Manage Backup
Reports
Home / Dashboard
https://atozgroceries.com/admin/dashboard?token=a87ff679a2f3e71d9181a67b7542122c#
3:42 PM
Sunday
12/30/2018

Dashboard

6
Total Orders
View more..

₹27,965.00
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View more..

32
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View more..

230
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View more..

Latest Orders

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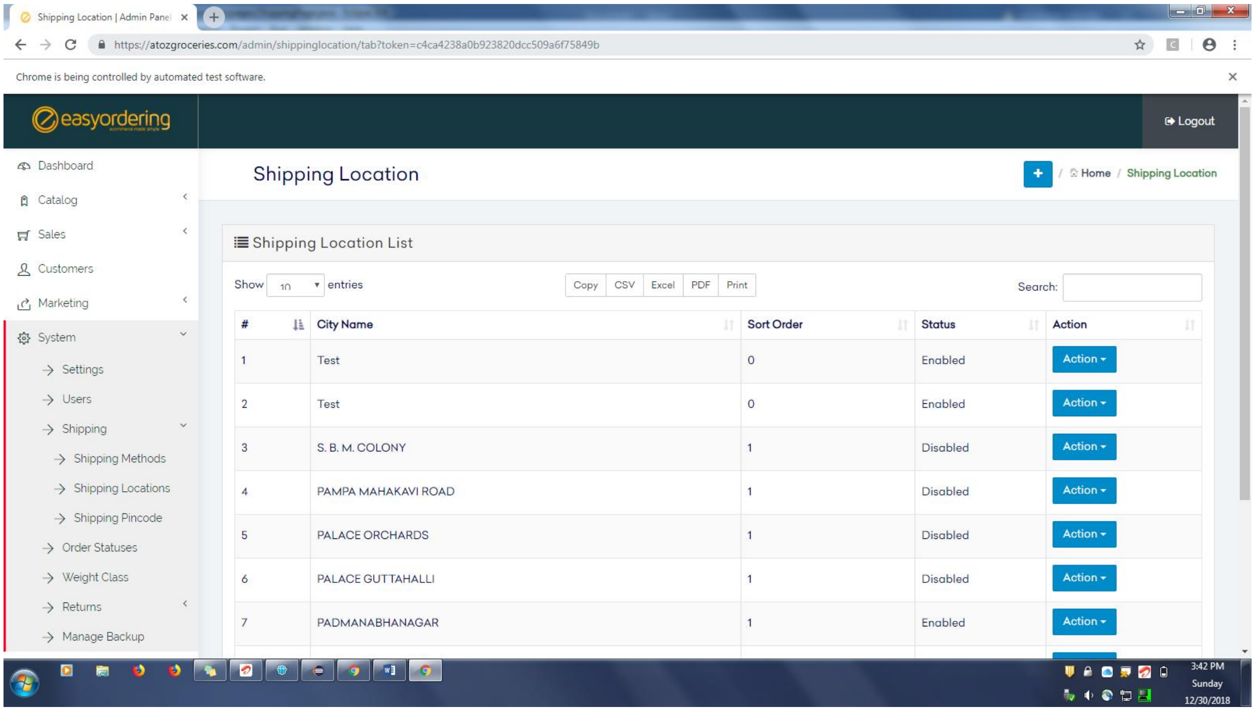
4	#3		Pending	₹3,570.00	2018-12-18	
			Pending	₹3,570.00	2018-12-18	



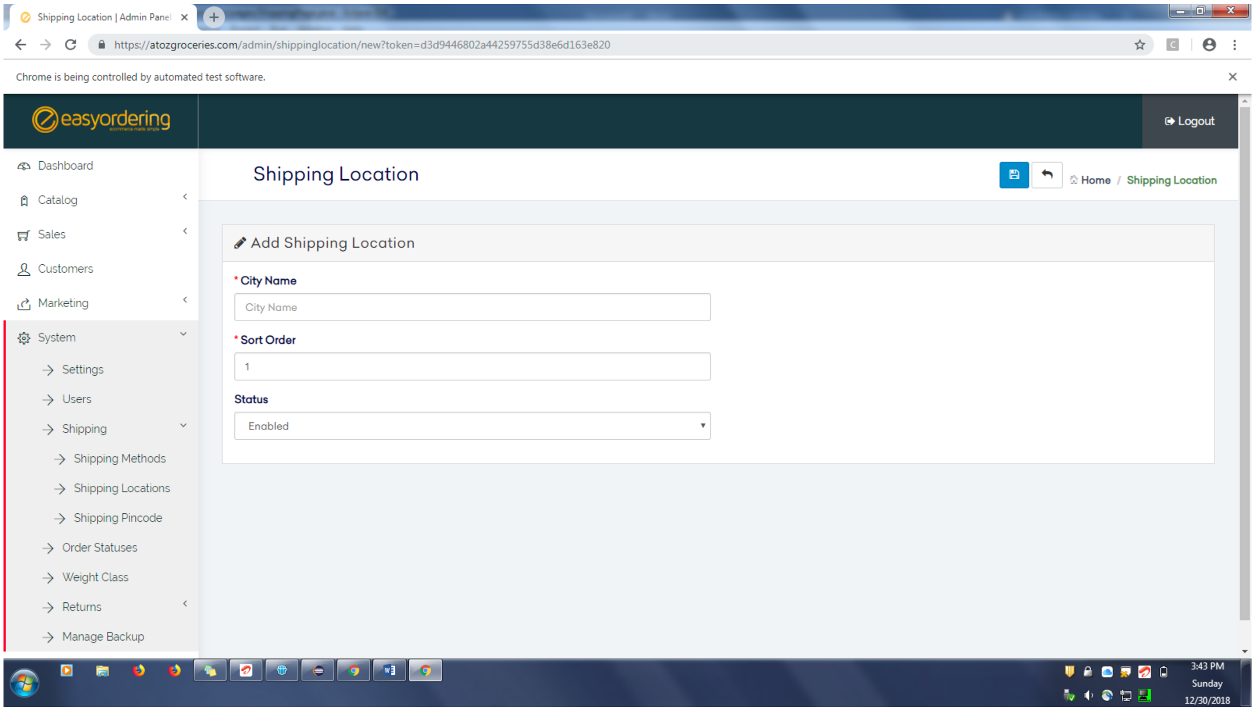
Shipping Location

Shipping Location List

Show 10 entries

Search:

#	City Name	Sort Order	Status	Action
1	Test	0	Enabled	Action
2	Test	0	Enabled	Action
3	S. B. M. COLONY	1	Disabled	Action
4	PAMPA MAHAKAVI ROAD	1	Disabled	Action
5	PALACE ORCHARDS	1	Disabled	Action
6	PALACE GUTTAHALLI	1	Disabled	Action
7	PADMANABHANAGAR	1	Enabled	Action



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

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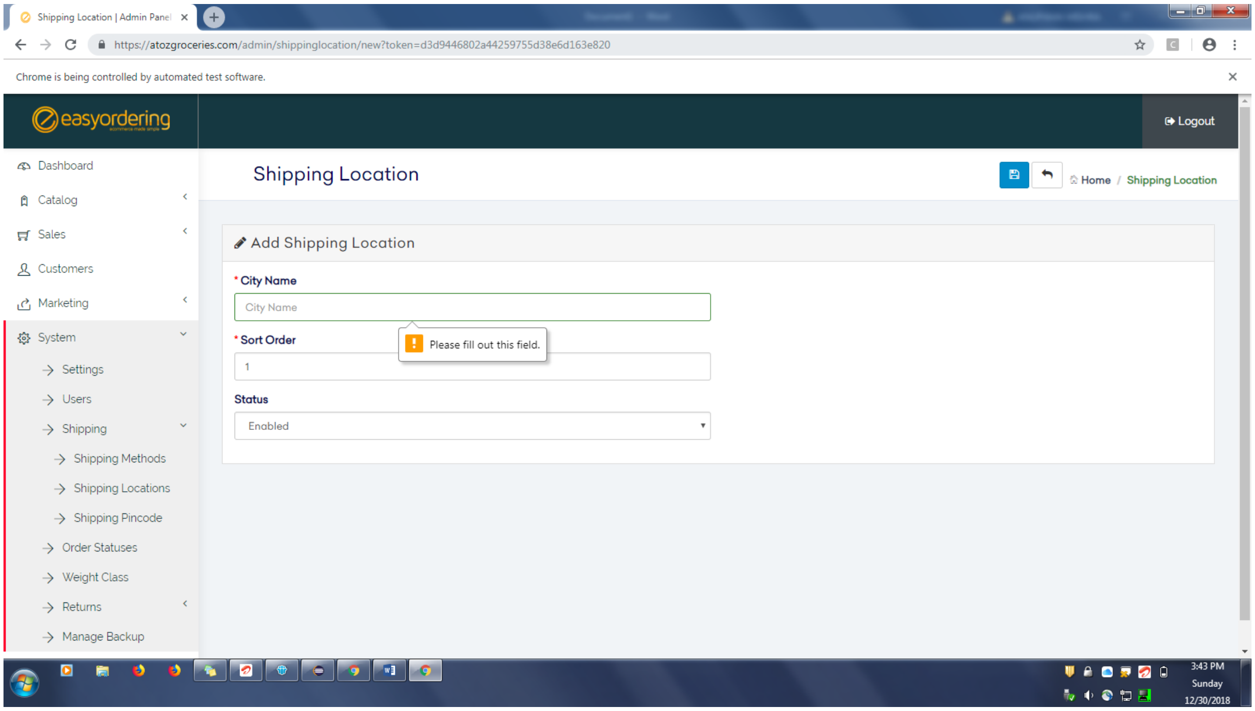
Shipping Location

Add Shipping Location

* City Name: City Name

* Sort Order: 1

Status: Enabled



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

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Shipping Location

Add Shipping Location

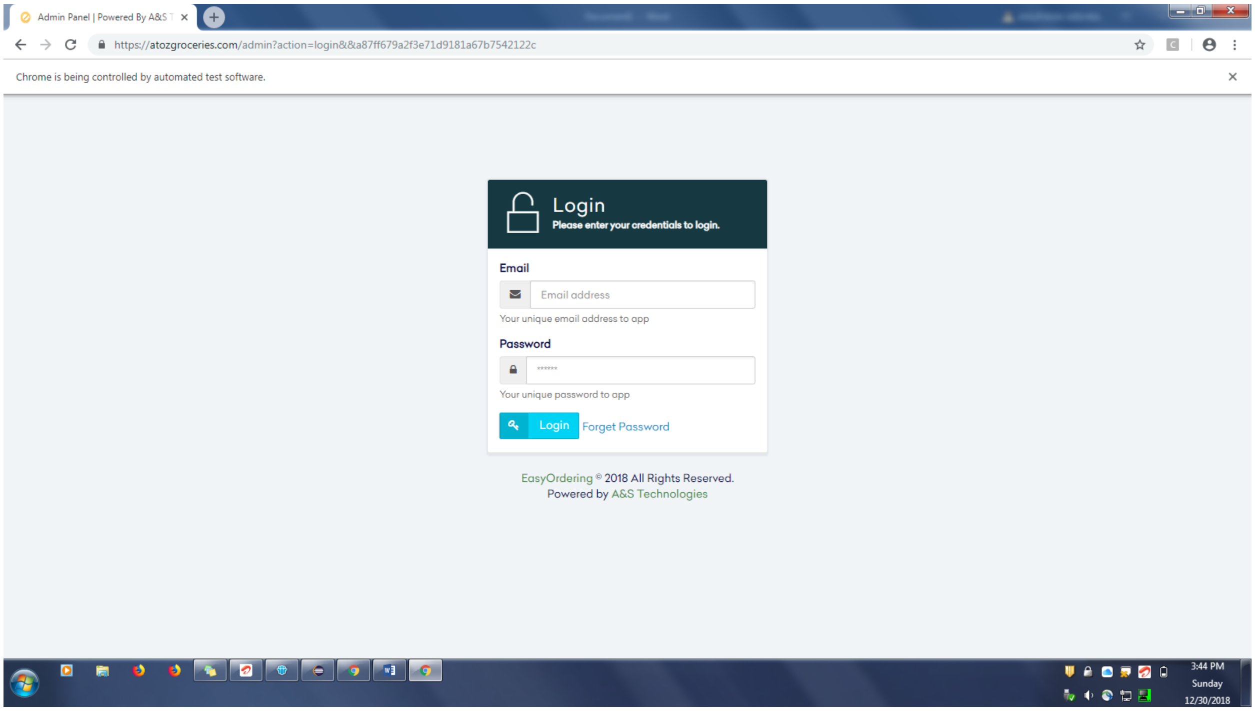
* City Name: City Name

Please fill out this field.

* Sort Order: 1

Status: Enabled

Verifying the positive scenario by logging in to admin portal again



Admin Panel | Powered By A&S T

https://atozgroceries.com/admin?action=login&&a87ff679a2f3e71d9181a67b7542122c

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Login

Please enter your credentials to login.

Email

Email address

Your unique email address to app

Password

******

Your unique password to app

Login Forget Password

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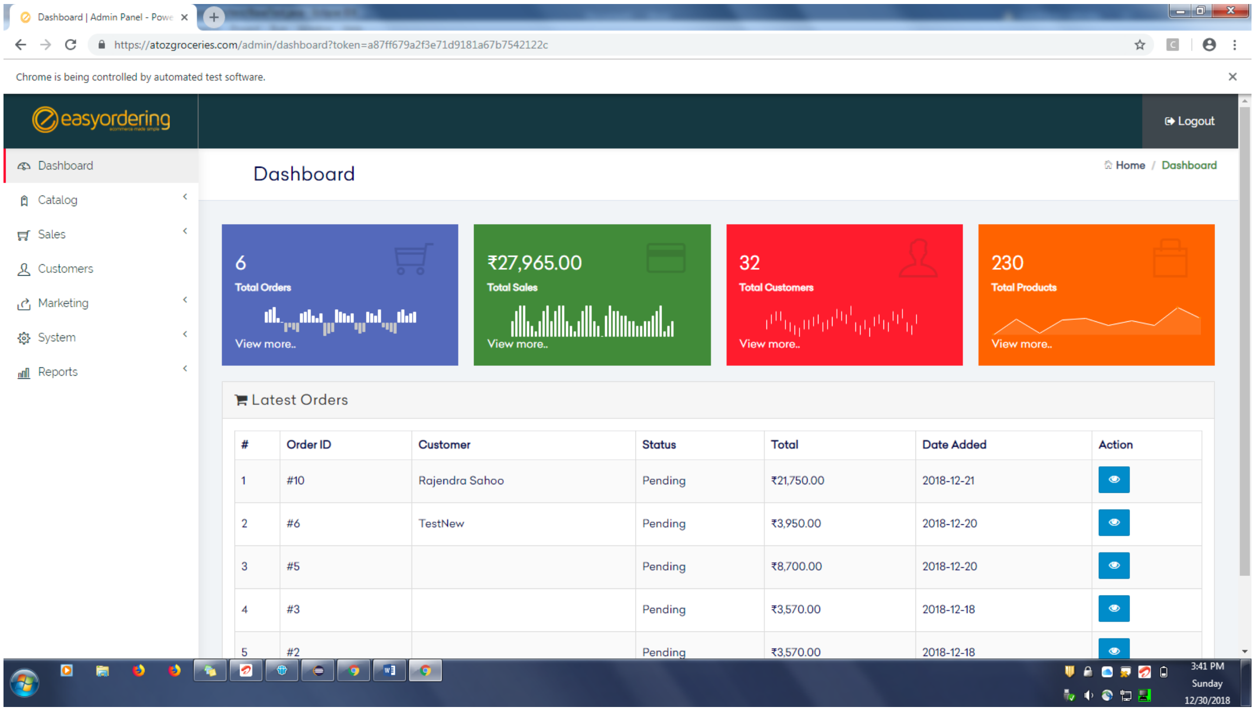
3:44 PM
Sunday
12/30/2018



Dashboard | Admin Panel - Powe

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Dashboard

Home / Dashboard

6
Total Orders
View more..

₹27,965.00
Total Sales
View more..

32
Total Customers
View more..

230
Total Products
View more..

Latest Orders

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1	#10	Rajendra Sahoo	Pending	₹21,750.00	2018-12-21	
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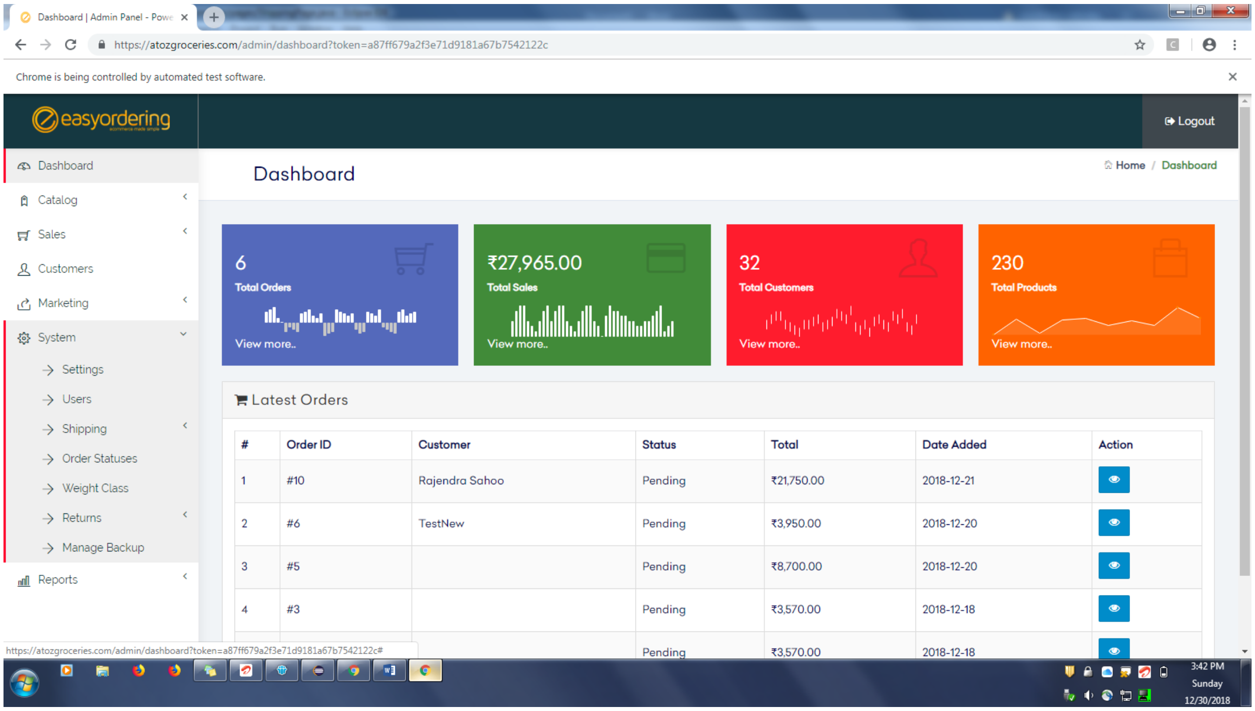
4	#3		Pending	₹3,570.00	2018-12-18	
5	#2		Pending	₹3,570.00	2018-12-18	

3:41 PM
Sunday
12/30/2018



Dashboard | Admin Panel - Powe

https://atozgroceries.com/admin/dashboard?token=a87ff679a2f3e71d9181a67b7542122c

Chrome is being controlled by automated test software.

Dashboard

6
Total Orders
View more..

₹27,965.00
Total Sales
View more..

32
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View more..

230
Total Products
View more..

Latest Orders

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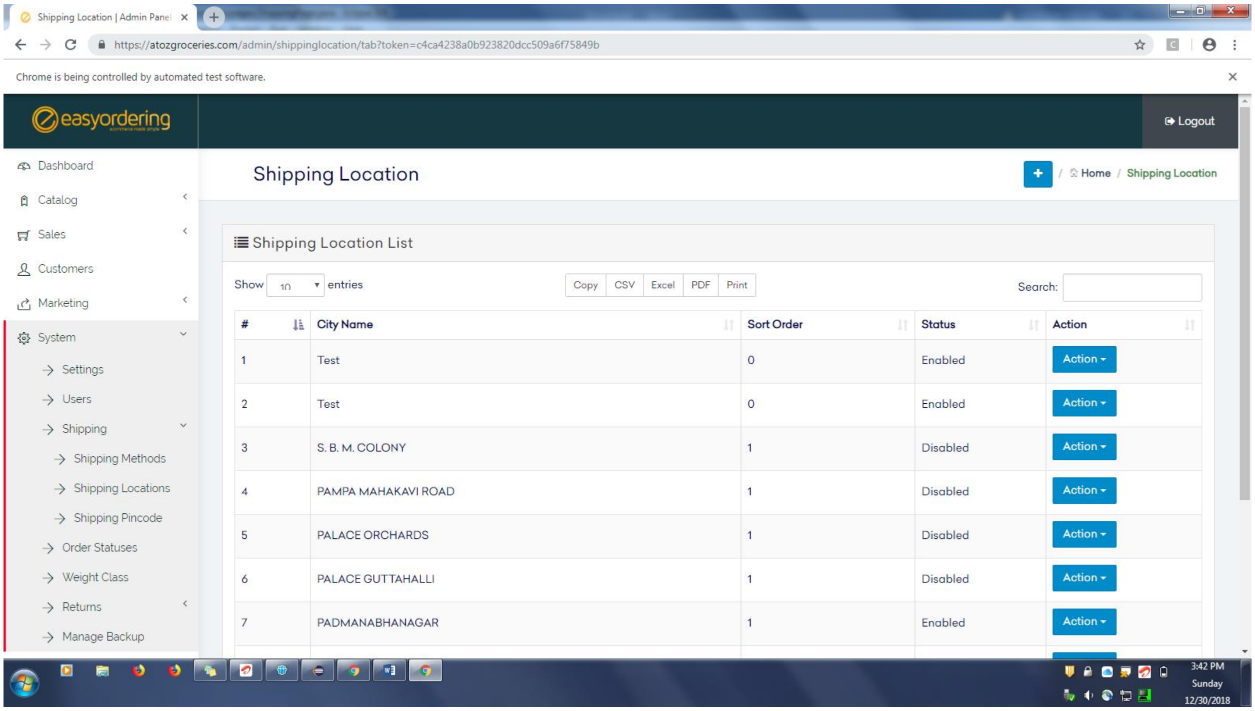
3	#5		Pending	₹8,700.00	2018-12-20	
4	#3		Pending	₹3,570.00	2018-12-18	
			Pending	₹3,570.00	2018-12-18	

https://atozgroceries.com/admin/dashboard?token=a87ff679a2f3e71d9181a67b7542122c#



Shipping Location | Admin Panel

https://atozgroceries.com/admin/shippinglocation/tab?token=c4ca4238a0b923820dcc509a6f75849b

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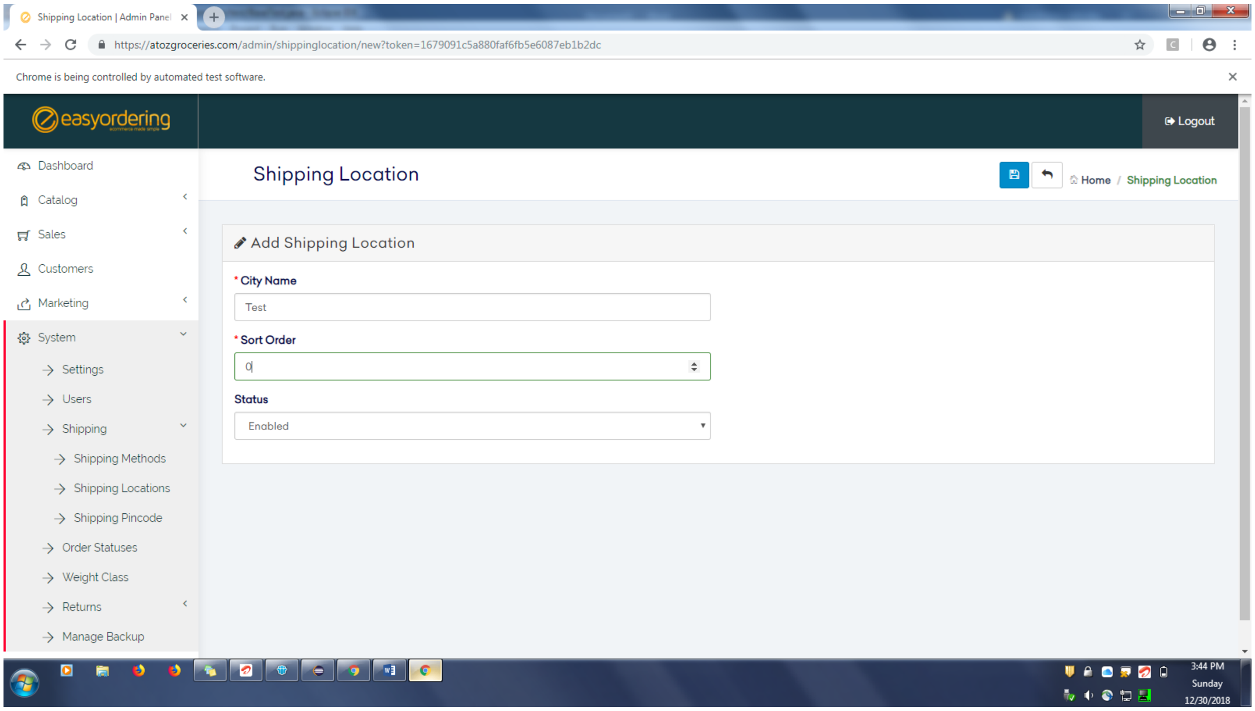
Shipping Location

Shipping Location List

Show 10 entries

Search:

#	City Name	Sort Order	Status	Action
1	Test	0	Enabled	Action ▾
2	Test	0	Enabled	Action ▾
3	S. B. M. COLONY	1	Disabled	Action ▾
4	PAMPA MAHAKAVI ROAD	1	Disabled	Action ▾
5	PALACE ORCHARDS	1	Disabled	Action ▾
6	PALACE GUTTAHALLI	1	Disabled	Action ▾
7	PADMANABHANAGAR	1	Enabled	Action ▾



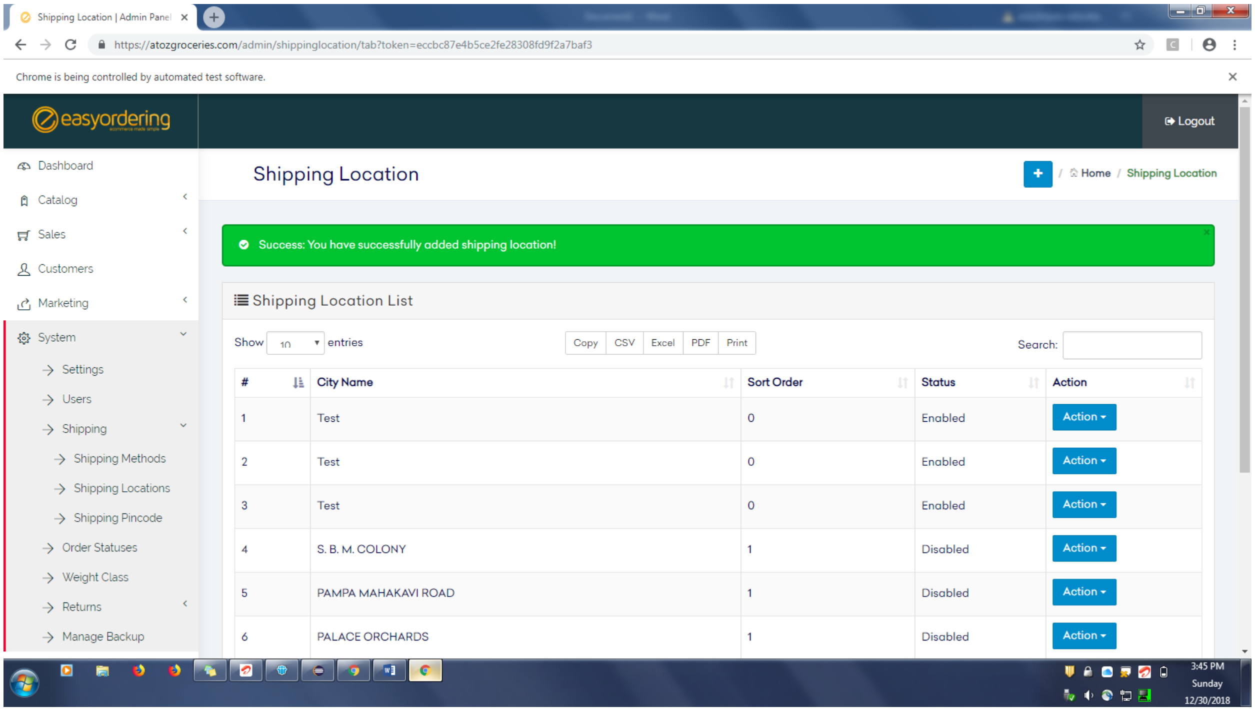
Shipping Location

Add Shipping Location

* City Name: Test

* Sort Order: 0

Status: Enabled



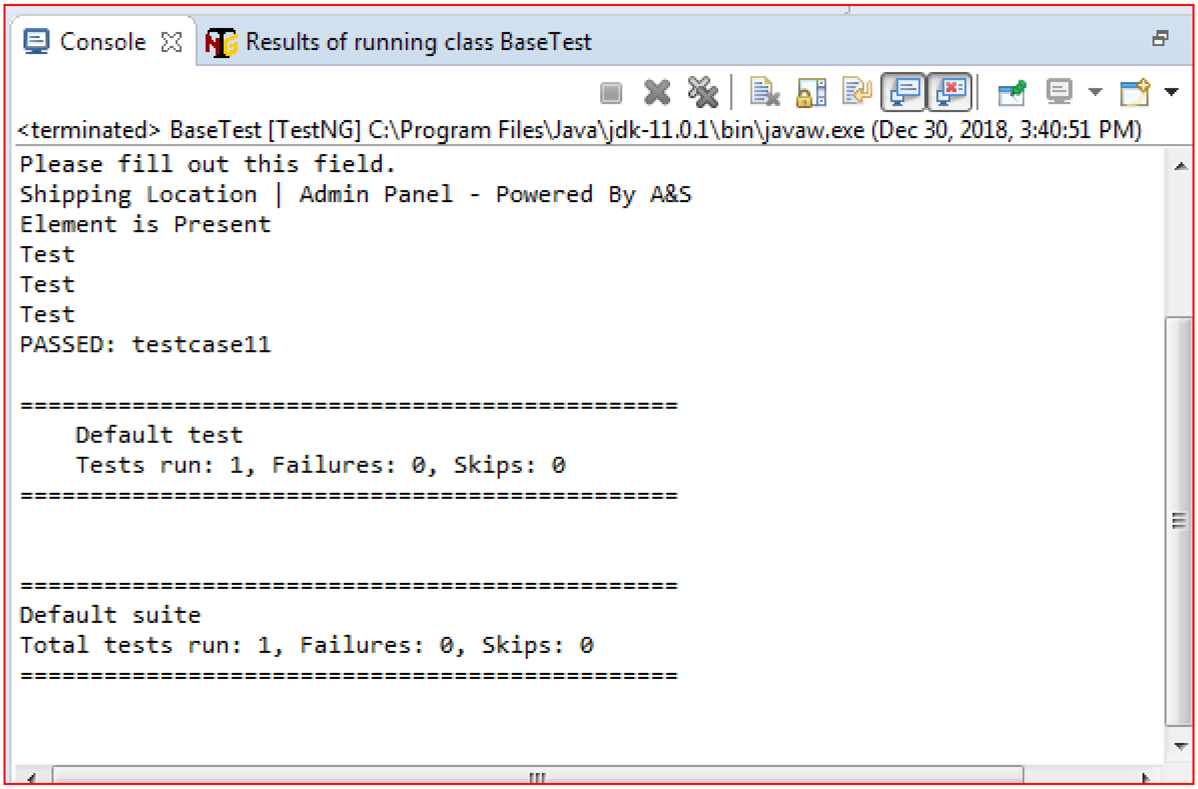
Shipping Location

Success: You have successfully added shipping location!

Shipping Location List

#	City Name	Sort Order	Status	Action
1	Test	0	Enabled	Action
2	Test	0	Enabled	Action
3	Test	0	Enabled	Action
4	S. B. M. COLONY	1	Disabled	Action
5	PAMPA MAHAKAVI ROAD	1	Disabled	Action
6	PALACE ORCHARDS	1	Disabled	Action

Screen shot from console:



```
<terminated> BaseTest [TestNG] C:\Program Files\Java\jdk-11.0.1\bin\javaw.exe (Dec 30, 2018, 3:40:51 PM)
Please fill out this field.
Shipping Location | Admin Panel - Powered By A&S
Element is Present
Test
Test
Test
PASSED: testcase11

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


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