

Day 7

Test Case

Process	Steps To Execute	Expected Results
Modify the email address and verify the same on user page	1. Login to admin portal 2. Goto System and then settings 3. Change the email address 4. Goto user page. 5. Verify the same on user page. Note: Search for the modified email address.	1. Validate the presence of modified phone number under admin portal 2. Verify the email address on the userpage. Note: Email address presents on top and bottom of the user page

Steps Executed:

- Login to admin portal with given username and password.
- Click on the 'System' tab and then click on 'Settings' tab and then the old data and present in email and phone number is changed with 'infotest@atozgroceries.com' and '9898989898'
- Once the new mail and phone number given the new record is saved in the admin page
- Then it is navigated to user page to validate whether the phone number and mail id changed is reflected there
- 'Assert' function is used to verify the data of email and phone number in top and bottom page.

Program Code:

Xml Code:

```
<?xml version="1.0" encoding="UTF-8"?>
<test name = "Mail and Phone number Validation">
<classes>
<class name="com.ibm.pages"/>
<class name="com.ibm.test"/>
</classes>
</test>
```

BaseTest.Java:

```
package com.ibm.test;
```

```
import java.io.File;
```

```
import java.io.IOException;
```

```
import java.util.ArrayList;
```

```
import java.util.Date;
```

```
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;
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 DeleteAndCheckProductInUserPage() throws InterruptedException, IOException {  
    String url = data.get("url");  
    String userName = data.get("username");  
    String password = data.get("password");  
    String email = data.get("NewEmail");  
    String number = data.get("Number");  
    String Success = data.get("SuccessMessgae");  
    driver.get(url);
```

```

AdminPage1 home = new AdminPage1(driver, wait);

home.EnetrEmailAddress(userName);

home.takescreennshot(driver);

home.EnetrPassword(password);

home.ClickonLoginButton();

home.ClickOnSystemOptions();

home.ClickonSettings();

home.EnterTheNewEmail(email);

home.EnterTheNewPhone(number);

home.ClickToGoTop();

Thread.sleep(2000);

home.ClickonTheSaveButton();

Thread.sleep(2000);

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

String Msg = SuccessMsg.getText();

System.out.println(Msg);

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

WebElement Mail1 = driver.findElement(By.xpath("//div[@class='header-mid-right-
content'][2]"));

String Mail = Mail1.getText();

System.out.println("The mail updated in admin page:" + email);

System.out.println("The mail updated in Top user page:" + Mail);

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

Assert.assertEquals(Mail, email);

WebElement Phone1 = driver.findElement(By.xpath("//div[@class='header-mid-right-
content'][1]"));

String Phone = Phone1.getText().trim().replace("+91", "").replaceAll(" ", "");

System.out.println("The number updated in admin page:" + number);

System.out.println("The number updates in Top user page:" + Phone);

```

```

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

        Assert.assertEquals(Phone, number);

        home.ScrollUpDownInPage();

        WebElement Phone2=driver.findElement(By.xpath("//div[@class='col-md-4 col-sm-6 has-logo']/div/p[2]"));

        String Phone3 = Phone2.getText().replace("Phone:", "").replaceAll(" ", "").replace("+91", "").replaceAll(" ", "").replaceAll(" ", "").trim();

        System.out.println("The number updated in admin page:" +number);

        System.out.println("The number updated in Bottom user page:"+Phone3);

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

        Assert.assertEquals(number,Phone3);

        WebElement Mail2=driver.findElement(By.xpath("//div[@class='col-md-4 col-sm-6 has-logo']/div/p[3]"));

        String Mail3= Mail2.getText().replaceAll("Email:", "").replaceAll(" ", "").trim();

        System.out.println("The email updated in admin page:" +email);

        System.out.println("The email updated in Bottom user page:"+Mail3);

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

        Assert.assertEquals(email, Mail3);

    }

}

```

AdminPage1.Java:

```

package com.ibm.pages;

import java.io.File;

import java.io.IOException;

import java.util.Date;

```

```
import org.apache.commons.io.FileUtils;
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.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

@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;

//To click on the System Tab

@FindBy(xpath="//a[text()=' System']")

WebElement SystemEle;

//To Click on Setting under 'System'

@FindBy(xpath="//a[text()=' Settings']")

WebElement SettingEle;

//To change the email

@FindBy(xpath="//input[@id='email']")

WebElement EmailEle;

//To change the phone number

@FindBy(xpath="//input[@id='phonenummer']")

WebElement PhoneEle;


```
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);
```

```
}
```

```
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();  
  
}
```

```
  
public void ClickOnSystemOptions()  
{  
    SystemEle.click();  
  
}
```

```
  
public void ClickonSettings()  
{
```

```

        SettingEle.click();
    }

    public void EnterTheNewEmail(String email)
    {
        EmailEle.clear();

        EmailEle.sendKeys(email);
    }

    public void EnterTheNewPhone(String number)
    {
        PhoneEle.clear();

        PhoneEle.sendKeys(number);
    }

    public void takescreennshot(WebDriver driver) throws IOException
    {
        TakesScreenshot ts=((TakesScreenshot)driver);

        File file=ts.getScreenshotAs(OutputType.FILE);

        Date date= new Date();

        String currentDate=date.toString().replaceAll(":", "-");
        FileUtils.copyFile(file, new File("./screenshots/Adminpage_"+currentDate+".png"));
    }

    public void ScrollUpDownInPage()
    {
        JavascriptExecutor js= (JavascriptExecutor) driver;

        js.executeScript("window.scrollTo(0,3000)");
    }

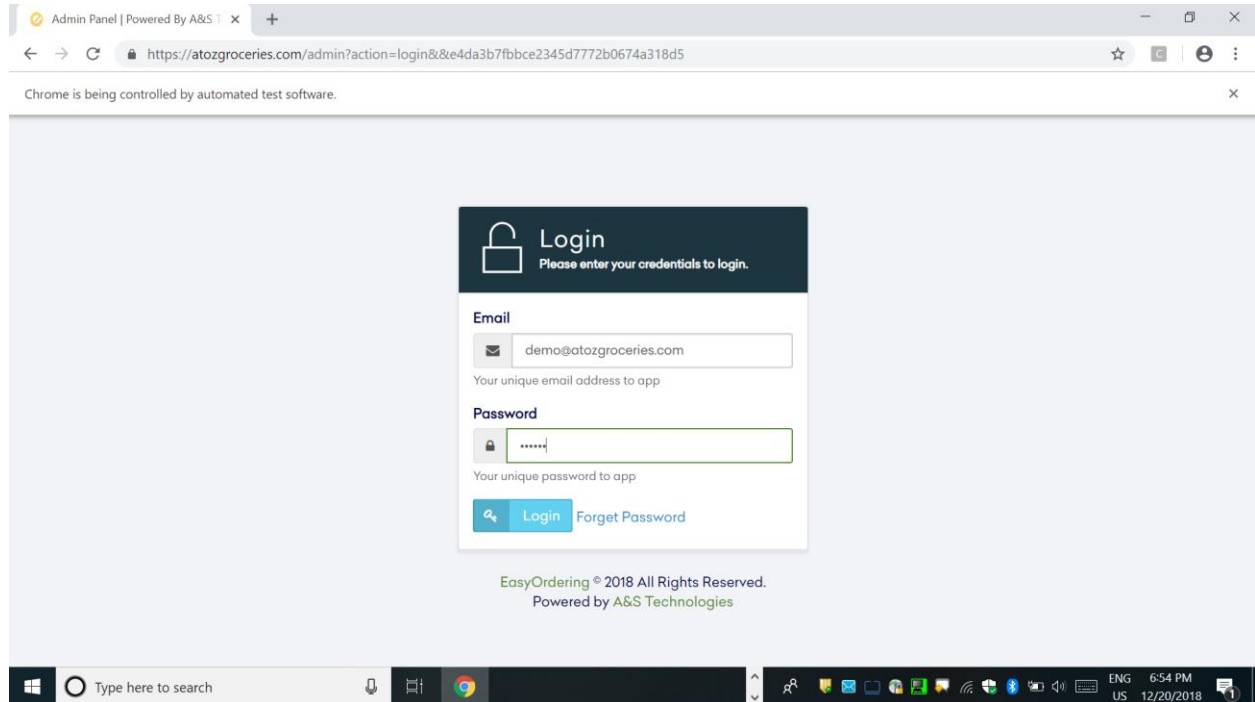
```

}

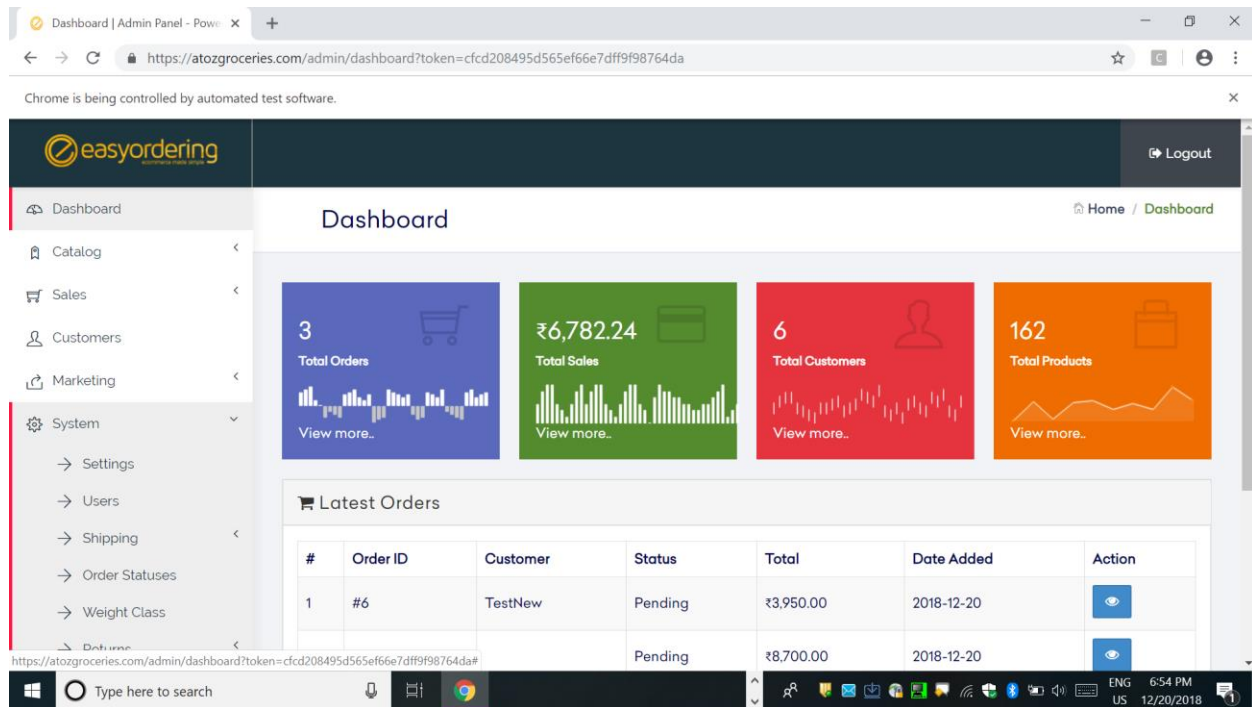
}

Screenshot of steps executed:

*Login to admin portal using mail and password



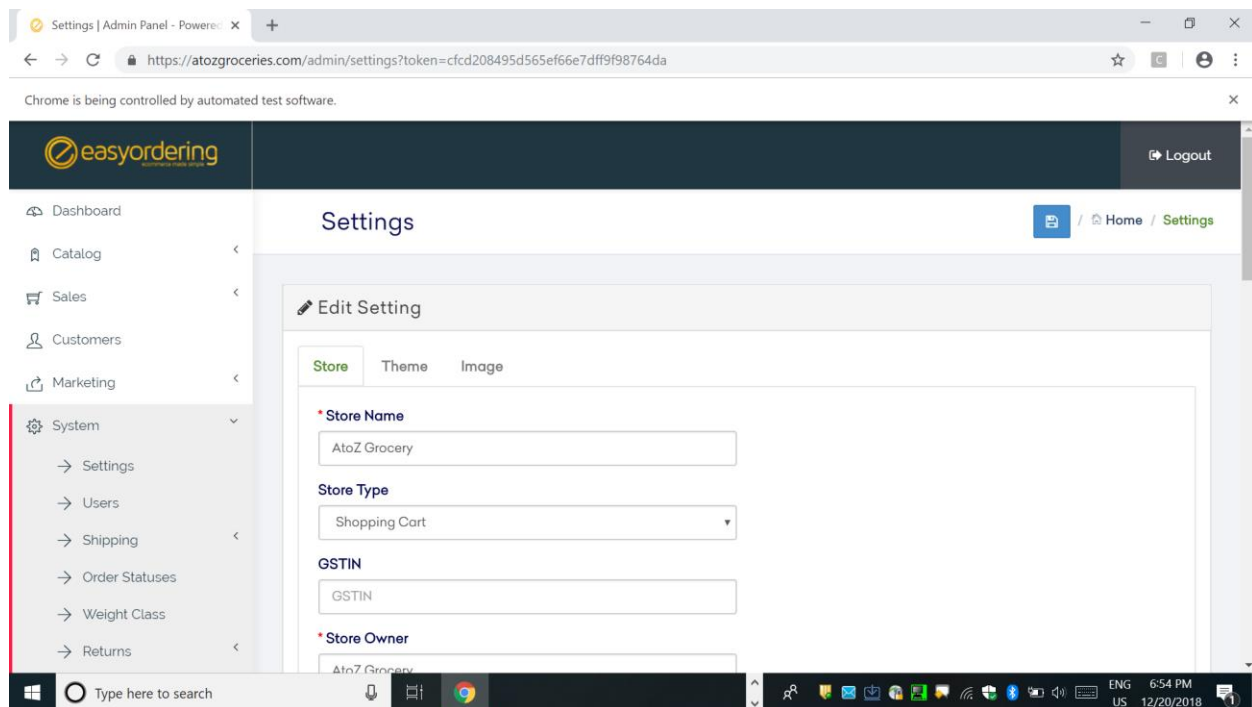
*Click on 'System' under 'Dashboard'



The screenshot shows the Easyordering Admin Panel Dashboard. The left sidebar contains a menu with 'Dashboard' selected, and 'System' expanded under it, showing options like Settings, Users, Shipping, Order Statuses, Weight Class, and Returns. The main content area displays four summary cards: Total Orders (3), Total Sales (₹6,782.24), Total Customers (6), and Total Products (162). Below these is a 'Latest Orders' table with columns for #, Order ID, Customer, Status, Total, Date Added, and Action. The table shows two pending orders. The bottom of the screen shows a Windows taskbar with the search bar and system clock.

#	Order ID	Customer	Status	Total	Date Added	Action
1	#6	TestNew	Pending	₹3,950.00	2018-12-20	View
			Pending	₹8,700.00	2018-12-20	View

*Click on 'Settings' under 'System'



The screenshot shows the Easyordering Admin Panel Settings page. The left sidebar is the same as the dashboard, but 'Settings' is now selected under 'System'. The main content area is titled 'Settings' and contains an 'Edit Setting' form. The form has tabs for 'Store', 'Theme', and 'Image'. The 'Store' tab is active, showing fields for 'Store Name' (AtoZ Grocery), 'Store Type' (Shopping Cart), 'GSTIN' (GSTIN), and 'Store Owner' (AtoZ Grocery). The bottom of the screen shows a Windows taskbar with the search bar and system clock.

*Edit with new 'E-mail' and 'Phone Number'

Settings | Admin Panel - Power...

https://atozgroceries.com/admin/settings?token=cfdc208495d565ef66e7dff9f98764da

Chrome is being controlled by automated test software.

easyordering Logout

*** E-Mail**
infotest@atozgroceries.com

*** Phone Number**
9898989898

Opening Times
3rd Floor, Opp. Innovative Multiplex, Ram Arcade, Above LG Showroom, Marathahalli, Bengaluru, Karnataka 5600374

Comment
AtoZ Grocery | Wholesaler & Retail in Bangalore

Type here to search

ENG 6:54 PM
US 12/20/2018

*Move to the top of page and click on save icon

Settings | Admin Panel - Power...

https://atozgroceries.com/admin/settings?token=cfdc208495d565ef66e7dff9f98764da

Chrome is being controlled by automated test software.

easyordering Logout

Dashboard
Catalog
Sales
Customers
Marketing
System
→ Settings
→ Users
→ Shipping
→ Order Statuses
→ Weight Class
→ Returns

Settings / Home / Settings

Edit Setting

Store Theme Image

*** Store Name**
AtoZ Grocery

Store Type
Shopping Cart

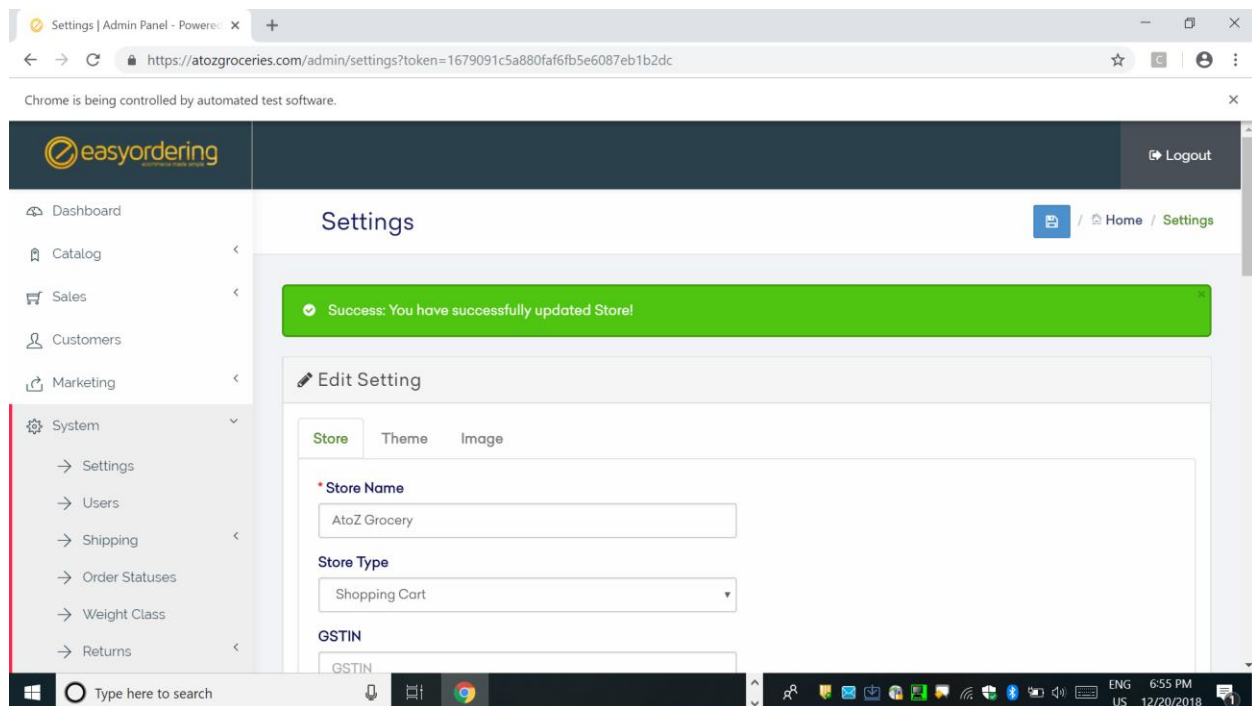
GSTIN
GSTIN

*** Store Owner**
AtoZ Grocery

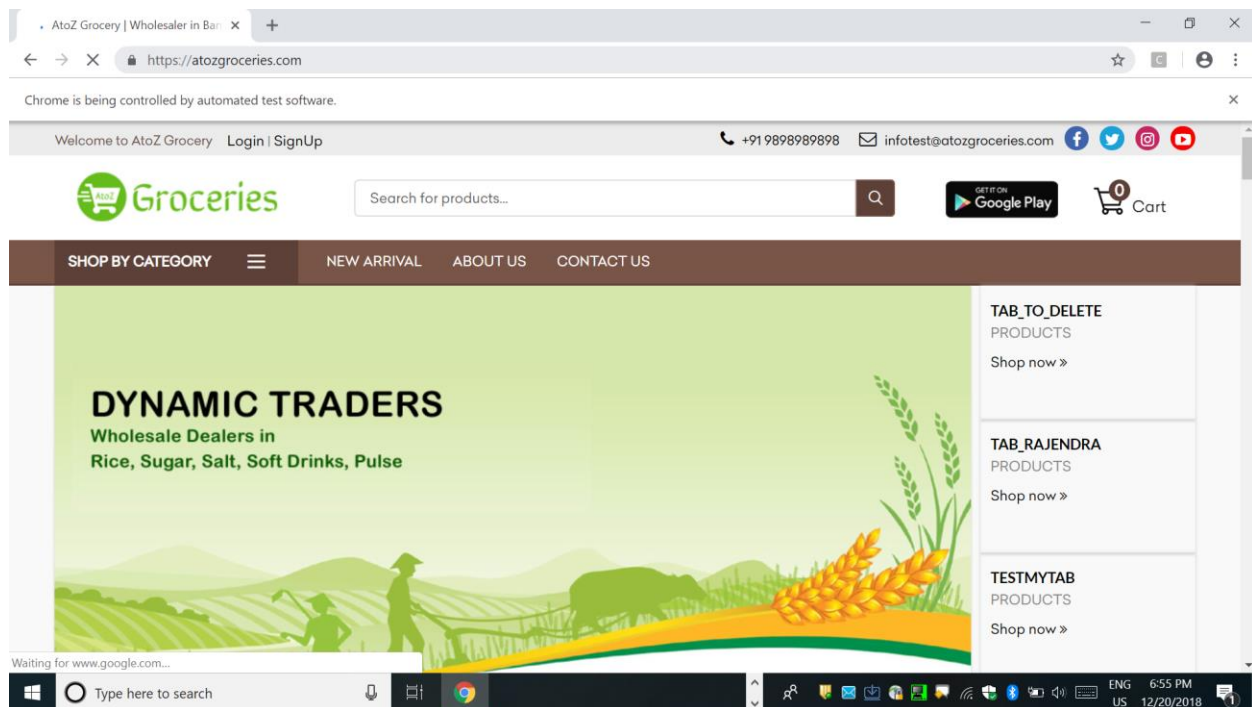
Type here to search

ENG 6:55 PM
US 12/20/2018

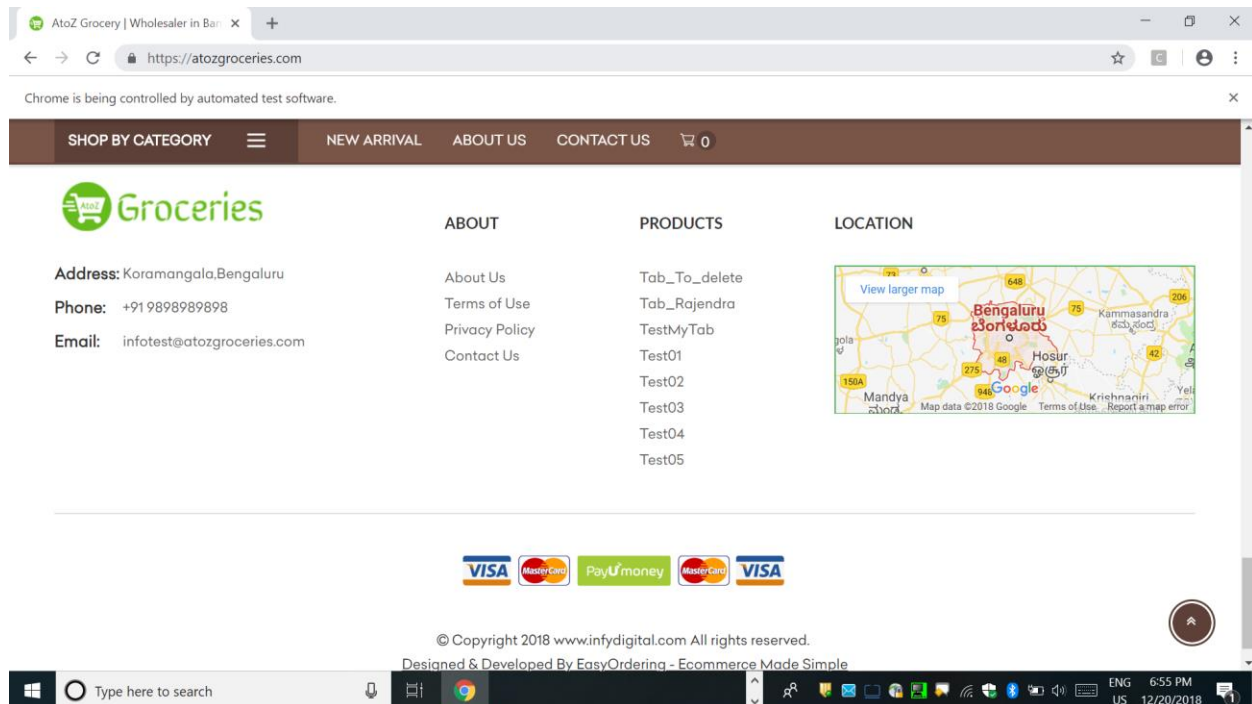
*The new record is added and the message is displayed



*Navigate to user portal and first 'email' & 'phone number' at top with the admin portal



*Assert function used to validate the 'email' & 'phone' at bottom page by scrolling down the page



Screenshot from eclipse output:

