

TC144	Modify product and validate the quantity	<ol style="list-style-type: none"> 1. Login to admin portal 2. Goto Catalog and then product 3. Modify anyone product quantity as 5 and save. <p>Note: You have to fill the details under PRODUCT, DATA, LINK, IMAGE</p> <ol style="list-style-type: none"> 4. Get the quantity of the added product 5. Go to userpage (https://atozgroceries.com) 6. Search for the same product 7. Add to cart and goto cart to check the quantity 8. Verify the quantity added should be 5 on the userpage 	<ol style="list-style-type: none"> 1. Verify the quantity of the modified product should be 5 after adding to cart.
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```

package com.ibm.test;

import static org.testng.Assert.assertTrue;

import java.io.File;
import java.io.IOException;
import java.util.Date;
import java.util.HashMap;
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.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.LoginPage;
import com.ibm.pages.MarketingPage;
import com.ibm.pages.ProductPage;
import com.ibm.pages.ReturnStatusPage;
import com.ibm.pages.UserPage;
import com.ibm.pages.UserSignInPage;
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;

// 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 testcase8() throws InterruptedException, IOException {

    String url = data.get("url");
    String username = data.get("user");

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```

        String password = data.get("password");
        String expectedupdatedmsg= data.get("expectedupdatedmsg");
        String oldname= data.get("oldname");
        String urlnew = data.get("urlnew");

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

        // calling login page method to enter the user name, password and click on
login

        LoginPage login = new LoginPage(driver, wait);
        login.enterEmailAddress(username);
        login.enterPassword(password);
        login.clickOnLogin();

        // calling admin page method to click on catalog

        AdminPage admin = new AdminPage(driver, wait);

        admin.clickOnCatalog();

        // calling Product page to perform the action

        ProductPage product = new ProductPage(driver, wait);

        product.editproduct(oldname);
        // calling save method from admin page to save the product list added

        admin.clickOnSave();

wait.until(ExpectedConditions.visibilityOfElementLocated(By.id("dataTableExample2")))
;

        // calling method to verify the update msg
        String actualupdatemsg = product.gettexttoverifyUpdate();

        // assertion to verify the update msg
        Thread.sleep(5000);

Assert.assertTrue(actualupdatemsg.contains(expectedupdatedmsg));

        // calling the method to add the product to cart.

        product.addingtocart(urlnew);

        // Method to take screen shot
        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/Error_" +
currentDate + ".png"));

    }

```

Product page :

```

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.WebDriverWait;
import org.testng.annotations.Parameters;
import org.testng.annotations.Test;

import junit.framework.Assert;

public class ProductPage {

    WebDriver driver;
    WebDriverWait wait;
    JavascriptExecutor js;

    @FindBy(xpath = "//*[@id=\"side-menu\"]/li[2]/ul/li[4]/a")
    WebElement productEle;
    @FindBy(xpath = "//a[@title='Add New']")
    WebElement addProductEle;
    @FindBy(xpath = "//input[@name='pro_name']")
    WebElement proNameEle;
    @FindBy(xpath = "//input[@name='meta_title']")
    WebElement metaEle;
    //@FindBy(linkText="Data")
    @FindBy(xpath="//a[text()='Data']")
    WebElement dataTabEle;
    @FindBy(xpath = "//input[@name='model']")
    WebElement modelEle;
    @FindBy(xpath = "//input[@name='gst']")

```

```

WebElement gstEle;
@FindBy(xpath = "//input[@name='price']")
WebElement priceEle;
@FindBy(xpath = "//input[@name='special_dis']")
WebElement specDisEle;
@FindBy(xpath = "//input[@name='price_after_special_dis']")
WebElement afterDisEle;
@FindBy(xpath = "//a[text()='Link']")
WebElement linkTabEle;
@FindBy(xpath = "//select[@name='tabs']/option[3]")
WebElement TabsEle;
@FindBy(xpath = "//select[@name='categories[]']/option[6]")
WebElement catagoriesEle;
@FindBy(xpath = "//a[text()='Image']")
WebElement imageTabEle;
@FindBy(xpath = "//input[@id='pro_image']")
WebElement productImageEle;

@FindBy(xpath="//table[@id='dataTableExample2']/tbody/tr/td[2]")
WebElement productnameEle;

@FindBy(xpath="//button[@class='btn dropdown-toggle btn-primary']")
WebElement actionEle;

@FindBy(xpath="//*[@id=\"dataTableExample2\"]/tbody/tr[6]/td[9]/div/ul/li[1]/a")
")
    WebElement editEle;
@FindBy(xpath="//input[@id='quantity']")
WebElement quantityEle;
@FindBy(xpath="//input[@id='total_quantity']")
WebElement totalQuantityEle;

@FindBy(xpath="//*[contains(text(),'Success: You have successfully updated product!')]")
WebElement updatemsgEle;

@FindBy(xpath="//*[contains(text(),'Add To Cart')]")
WebElement addtoCartEle;

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

    public void addproduct() throws InterruptedException {

        // click on product tab
        productEle.click();

```

```

        wait.until(ExpectedConditions.presenceOfElementLocated(By.xpath("//a[@title='Add New']")));
        Thread.sleep(10000);

        // click on add product
        addProductEle.click();

        //enter the name in product field
        proNameEle.sendKeys("NewTest(working on this)");

        //Enter the text in meta title field
        metaEle.sendKeys("NewTest");
        Thread.sleep(5000);
        // Click on data tab link
        //dataTabEle.click();

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

        //click on model
        modelEle.sendKeys("NewTest");

        // enter data for GST
        gstEle.clear();
        gstEle.sendKeys("5");

        // enter data for price
        priceEle.sendKeys("450");

        // enetring data for discount
        specDisEle.sendKeys("10");

        // click on link tab

        //linkTabEle.click();
        js.executeScript("arguments[0].click();", linkTabEle);
        Thread.sleep(12000);
        // select Tabs

        TabsEle.click();

        //click on categories

        catagoriesEle.click();

    }

    // method to upload image

    public void uploadImage() throws InterruptedException {

        // click on ImageTab

```

```

        Thread.sleep(10000);
        js.executeScript("arguments[0].click();", imageTabEle);
        //imageTabEle.click();

        // upload image

        productImageEle.sendKeys("C:\\Users\\IBM_ADMIN\\Downloads\\SeleniumFramework\\
SeleniumFramework\\TestData\\index.jpg");

    }

    // method to get the text of addedproductname

    public String gettextofProductname() {

        String actualtext= productnameEle.getText();
        return actualtext;

    }


    public void editproduct(String oldname) throws InterruptedException {

        // click on product
        productEle.click();

        wait.until(ExpectedConditions.visibilityOfElementLocated(By.id("dataTableExamp
le2"))));

        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(oldname))

            {

                //Thread.sleep(20000);
                // click on action for the required product
name

```

```
driver.findElement(By.xpath("//table[@id='dataTableExample2']/tbody/tr["+i+"]/td[9]/descendant::button")).click();
```

```
// click on edit
```

```
driver.findElement(By.xpath("//*[@id=\"dataTableExample2\"]/tbody/tr["+i+"]/td[9]/div/ul/li[1]/a")).click();
```

```
// click on Action  
//actionEle.click();
```

```
// click on Edit product
```

```
//editEle.click();  
Thread.sleep(5000);
```

```
// click on dataTab  
js.executeScript("arguments[0].click();", dataTabEle);
```

```
// fill the data for quantity  
quantityEle.clear();  
quantityEle.sendKeys("5");
```

```
// fill the total quantity field  
totalQuantityEle.clear();  
totalQuantityEle.sendKeys("5");
```

```
break;
```

```
}
```

```
}
```

```
}
```

```
public String gettexttoverifyUpdate() {
```

```
wait.until(ExpectedConditions.presenceOfElementLocated(By.xpath("//*[contains(text(),'Success: You have successfully updated product!')]")));
```

```
String updatetext= updatemsgEle.getText();
```

```
return updatetext;
```

```
}
```



```

        public void gettextfortotalquantiy() {

            String quantity=
driver.findElement(By.xpath("//*[@id=\"dataTableExample2\"]/thead/tr/th[6]")).getText
();
            System.out.println(quantity);

        }

        public void addingtocart(String urlnew) throws InterruptedException {

            driver.navigate().to(urlnew);
            driver.findElement(By.xpath("//input[@id='search-box']")).click();

            driver.findElement(By.xpath("//*[@id=\"searchModal\"]/div/div/div/div[1]/input
")).sendKeys("work");
            Thread.sleep(5000);
            driver.findElement(By.xpath("//*[@id=\"searchproducts-
div\"]/a/span")).click();
            // adding the product in cart

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

            // clicking on the Cart
            driver.findElement(By.id("bigCart")).click();

            // getting the text of quantity after adding that to cart

            String quantitytext= driver.findElement(By.xpath("//p[@class='quanlity-hover-
cart']")).getText();
            System.out.println(quantitytext);

        }

    }
}

```

dataProperties file :

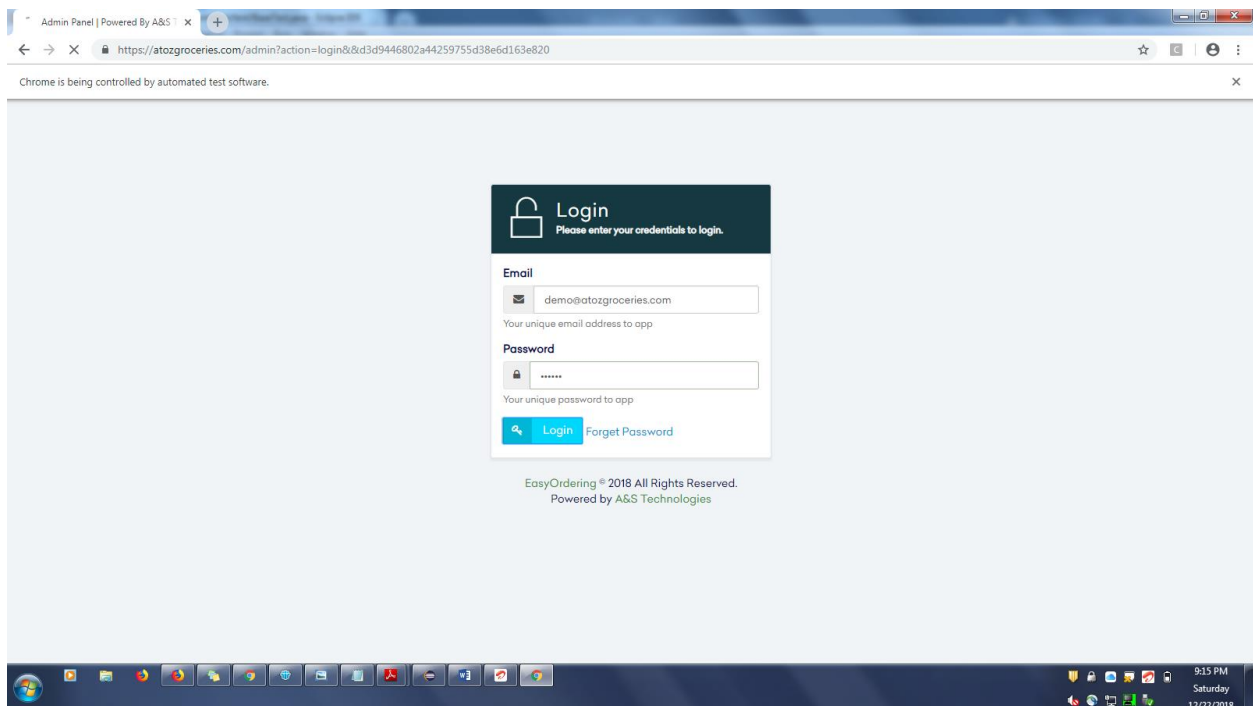
```

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)

Screen shot while running the code:



Dashboard | Admin Panel - Power: X

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easyordering

Dashboard

Home / Dashboard

0
Total Orders

₹2,740.57
Total Sales

1
Total Customers

22
Total Products

Latest Orders

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

9:21 PM
Saturday
12/22/2018

Products | Admin Panel - Power: X

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easyordering

Products

Home / Products

Product List

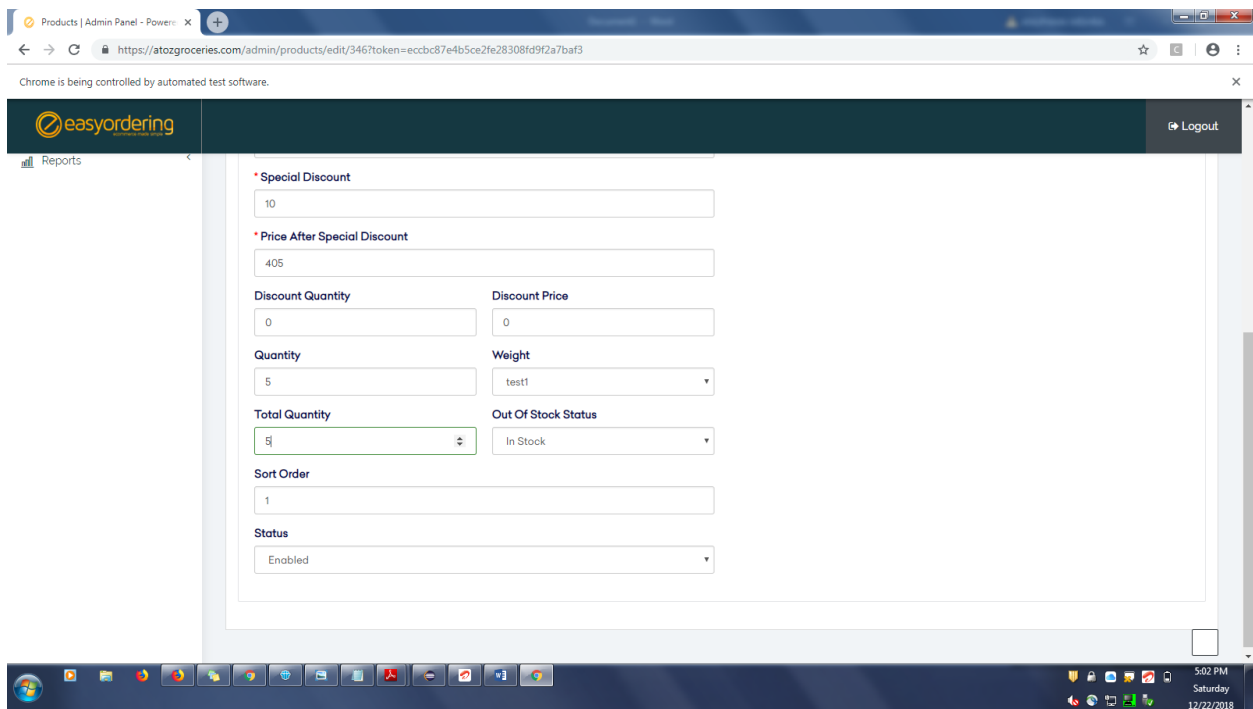
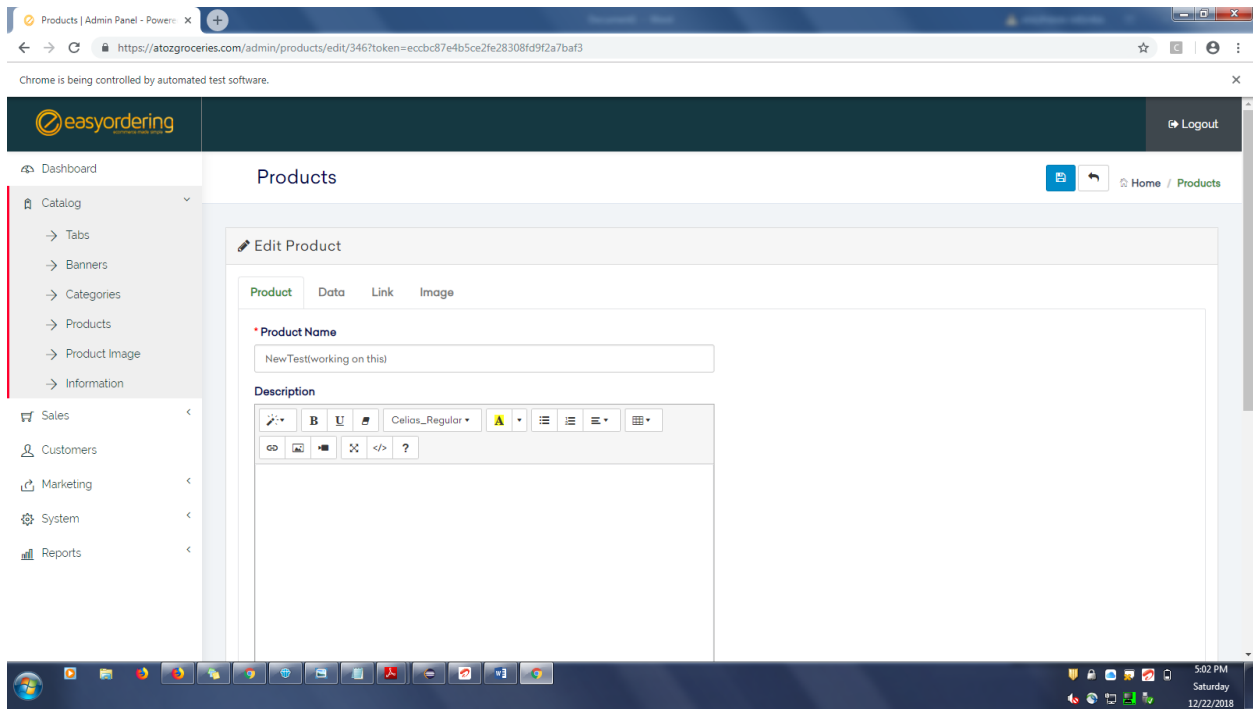
Show 1n entries

Copy CSV Excel PDF Print

Search:

#	Product Name	Image	Model	Price	Total Quantity	Sort Order	Status	Action
1	New Prod Req		1098	1,890.00 ₹		1	Enabled	Action
2	New Prod Req		1098	1,890.00 ₹		1	Enabled	Action
3	Panner-Harisha		panner	410.22 ₹		2	Enabled	Action
4	Basmathi Rice-harisha		IndiaGate Rice	174.96 ₹	1	1	Enabled	Action
5	NewTest(working on this)		NewTest	425.25 ₹		1	Enabled	Action
6	Bisleri Water		Model-W	19.95 ₹	25	0	Enabled	Action
7	NewBadhamProduct		New	1,320.00 ₹		1	Enabled	Action

5:02 PM
Saturday
12/22/2018



Products | Admin Panel - Power: x

← → ↻ https://atozgroceries.com/admin/products/tab?token=cfd208495d565ef6e7dff9f98764da

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Logout

Dashboard

Catalog

- Tabs
- Banners
- Categories
- Products
- Product Image
- Information

Sales

Customers

Marketing

System

Reports

Products

Success: You have successfully updated product!

Product List

Show 10 entries

Copy CSV Excel PDF Print

Search:

#	Product Name	Image	Model	Price	Total Quantity	Sort Order	Status	Action
1	Panner-Harisha		panner	410.22 455.8		2	Enabled	Action
2	Basmathi Rice-harisha		IndiaGate Rice	174.96 194.4	1	1	Enabled	Action
3	NewTest(working on this)		NewTest	425.25 472.5	5	1	Enabled	Action
4	Bisleri Water		Model-W	19.95 21	25	0	Enabled	Action
5	NewBadhamProduct		New	1320.00 121		1	Enabled	Action
6	DoNotDelete		excellent	1025.00 1025		1	Enabled	Action

8:18 PM Saturday 12/22/2018

Atoz Grocery | Wholesaler in Bar: x

← → ↻ https://atozgroceries.com

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Welcome to ANY Grocery Login | Sign Up

+917205734850 acfgd@gmail.com

GET IT ON Google Play

0 Cart

SHOP BY CATEGORY NEW ARRIVAL ABOUT US CONTACT US

DYNAMIC TRADERS

Wholesale Dealers in Rice, Sugar, Salt, Soft Drinks, Pulse

TESTMYTAB2 PRODUCTS Shop now »

TESTMYTAB PRODUCTS Shop now »

TEST01 PRODUCTS Shop now »

FAST DELIVERY
100% fast delivery for your products

QUALITY
you can trust your order 100% genuin products

ON TIME GUARANTEE
On time guarantee for your order

SUPPORT 24/7
We are here 24*7 to help you

8:58 PM Saturday 12/22/2018

