

Day -8

Moderate Test Case – 3

Test Case	Process	Expected Result
Modify product with GST 10% and validate the price	<ol style="list-style-type: none">1. Login to admin portal2. Goto Catalog and then product3. Modify product GST as 10% and save. Note: You have to fill the details under PRODUCT, DATA, LINK, IMAGE4. Get the price of the modified product from the product list table and reduce 10%5. Go to userpage (https://atozgroceries.com)6. Search for the same product7. Verify the price in userpage	<ol style="list-style-type: none">1. Verify the price in userpage is less than 10% of the price in admin tab <p>No need to add any special discount.</p>

Steps Executed:

- Login to the admin portal and click on 'Catalog' and then click on the 'Product'
- Select a product in the 'Products' page opened and then Click on Action->edit.
- Once 'Product Edit' page is opened click on 'Data' tab to modify the GST of the product to '10%'
- After modifying save the product
- Once saved the modified product value in admin page will be the amount with GST added so get the amount without gst added and keep it in the separate object
- Navigate to user page in 'Search for Products' click and search for the modified project in admin portal
- Once the product is opened get the value of product and use assert to validate the amount of admin and user portal.

Program code:

BaseTest:

```
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 ChangeGSTDiscountandVerify() throws InterruptedException
    {
        String url = data.get("url");
        String userName = data.get("username");
        String password = data.get("password");
        String GST=data.get("Gst");
        String Discount=data.get("Disc");
        String srch=data.get("Search");
        //Login in the admin portal and change the GST vlaue of a product and
save get the value from table and reduce it by 10%
        driver.get(url);
        AdminPage1 home = new AdminPage1(driver, wait);
        home.EnetrEmailAddress(userName);
        home.EnetrPassword(password);
        home.ClickonLoginButton();
        home.ClickonCatalogTabButton();Thread.sleep(2000);
        home.ClickonProduct();Thread.sleep(2000);
        home.ClickonProductAction();
        home.ClickonProductEdit();
        home.ClickonData();
        home.EntertheGSTValue(GST);
        home.ClickonTheSaveButton();
        WebElement
amt1=driver.findElement(By.xpath("//table[@id='dataTableExample2']/tbody/tr[3]/td[5]"
));
        String Amount1=amt1.getText().trim().replace(",","").replaceAll(".00",
"").replace("121","").trim();
        System.out.println(Amount1);
        WebElement Success=driver.findElement(By.xpath("//div[@class='alert
alert-success alert-dismissible']"));
        String Msg=Success.getText();
        System.out.println(Msg);
        Integer value=12;
        Integer Calc= (value)*(Integer.parseInt(GST));
        Integer Amt= Integer.parseInt(Amount1)-Calc;
        System.out.println("The Amount from admin page:" +Amt);
        //Navigate to user portal and get the amount of modified product compare
the value of admin and user
        driver.navigate().to("https://atozgroceries.com");
        UserPage user= new UserPage(driver,wait);
        user.ClickonSearchbox();
        user.ClickonSearchElement();
        WebElement cost=driver.findElement(By.xpath("//p[@class='product-
cost']"));
    }

```

```

        String UserAmount=cost.getText().trim().replace("Discounted
price", "").replace("₹", "").replace(", ", "").replace(":", "").replace(".00", "").trim().t
rim();

        Integer UserAmount1=Integer.parseInt(UserAmount);
        System.out.println("The Amount from user page:" +UserAmount1);
        Assert.assertEquals(UserAmount1,Amt);

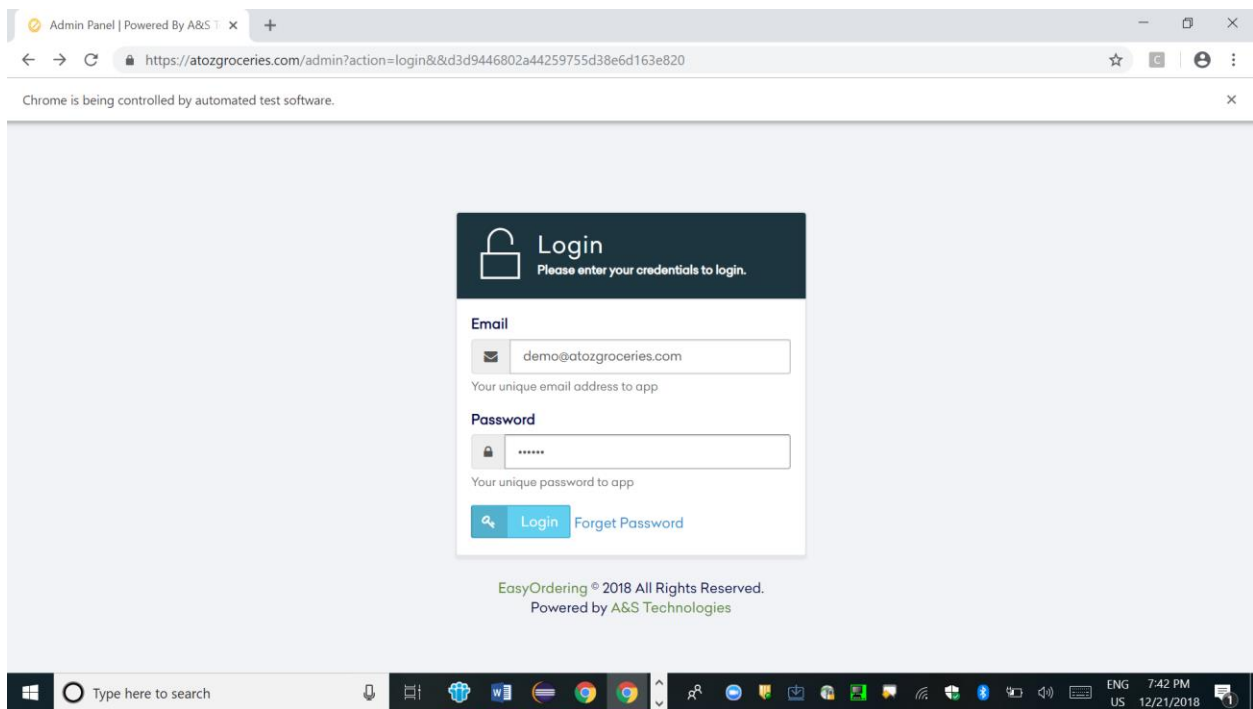
    }

}

```

Screenshot of Steps Executed:

*Login to the admin portal



*Click on 'Catalog'

Dashboard | Admin Panel - Powe x

https://atozgroceries.com/admin/dashboard?token=8f14e45fcea167a5a36dedd4bea2543

Chrome is being controlled by automated test software.

easysordering Logout

Dashboard / Home / Dashboard

Dashboard

4 Total Orders
View more..

₹18,904.34 Total Sales
View more..

9 Total Customers
View more..

150 Total Products
View more..

Latest Orders

#	Order ID	Customer	Status	Total	Date Added	Action
1	#10	Rajendra Sahoo	Pending	₹21,750.00	2018-12-21	View
		TestNew	Pending	₹3,950.00	2018-12-20	View

https://atozgroceries.com/admin/products/tab?token=c81e728d9d4c2f636f0...

Type here to search

ENG 7:42 PM
US 12/21/2018

*Select 'Product' under 'Catalog' tab

Products | Admin Panel - Powe x

https://atozgroceries.com/admin/products/tab?token=c81e728d9d4c2f636f067f89cc14862c

Chrome is being controlled by automated test software.

easysordering Logout

Products / Home / Products

Products

Product List

Show 10 entries

Copy CSV Excel PDF Print

Search:

#	Product Name	Image	Model	Price	Total Quantity	Sort Order	Status	Action
1	NewTest(working on this)		NewTest	425.25 472.5		1	Enabled	Action
2	Bislery Water		Model-W	19.95 24	25	0	Enabled	Action
3	NewBadhamProduct		New	1,320.00 424		1	Enabled	Action
4	DoNotDelete		excellent	1,025.00 4025		1	Enabled	Action

Type here to search

ENG 7:43 PM
US 12/21/2018

*Select a product record to 'Edit'

The screenshot shows the Easyordering Admin Panel. The left sidebar contains a menu with options: Dashboard, Catalog (with sub-items: Tabs, Banners, Categories, Products, Product Image, Information), Sales, Customers, Marketing, and System. The main content area is titled 'Products' and displays a 'Product List' table. The table has columns: #, Product Name, Image, Model, Price, Total Quantity, Sort Order, Status, and Action. There are four rows of product data. The 'Action' column for the fourth row (DoNotDelete) has a dropdown menu open, showing 'Edit' and 'Delete' options. The browser's address bar shows the URL: https://atozgroceries.com/admin/products/tab?token=c81e728d9d4c2f636f067f89cc14862c. The Windows taskbar at the bottom shows the time as 7:43 PM on 12/21/2018.

#	Product Name	Image	Model	Price	Total Quantity	Sort Order	Status	Action
1	NewTest(working on this)		NewTest	425.25 472.5		1	Enabled	Action ▾
2	Bislery Water		Model-W	19.95 24	25	0	Enabled	Action ▾
3	NewBadhamProduct		New	1,320.00 124		1	Enabled	Action ▾
4	DoNotDelete		excellent	1,025.00 1025		1	Enabled	Edit Delete

*Once 'Edit' is clicked then click on 'Data' and then give the value of GST as '10%'

The screenshot shows the Easyordering Admin Panel with the 'Edit Product' form open. The 'Data' tab is selected, showing fields for Model, HSN, GST (%), and Price. The 'GST (%)' field is set to '10'. The 'Model' field is set to 'New'. The 'HSN' field is empty. The 'Price' field is set to '1200'. The browser's address bar shows the URL: https://atozgroceries.com/admin/products/edit/333?token=45c48cce2e2d7fbdea1afc51c7c6ad26. The Windows taskbar at the bottom shows the time as 7:43 PM on 12/21/2018.

Edit Product

Product **Data** Link Image

* **Model**
New

HSN
HSN

* **GST (%)**
10

* **Price**
1200

*'Save' the record and check for message 'Success:You have successfully updated product!'

The screenshot shows the 'easyordering' admin panel. A green success message at the top states: 'Success: You have successfully updated product!'. Below this is the 'Product List' table. The table has columns for #, Product Name, Image, Model, Price, Total Quantity, Sort Order, Status, and Action. The data rows are as follows:

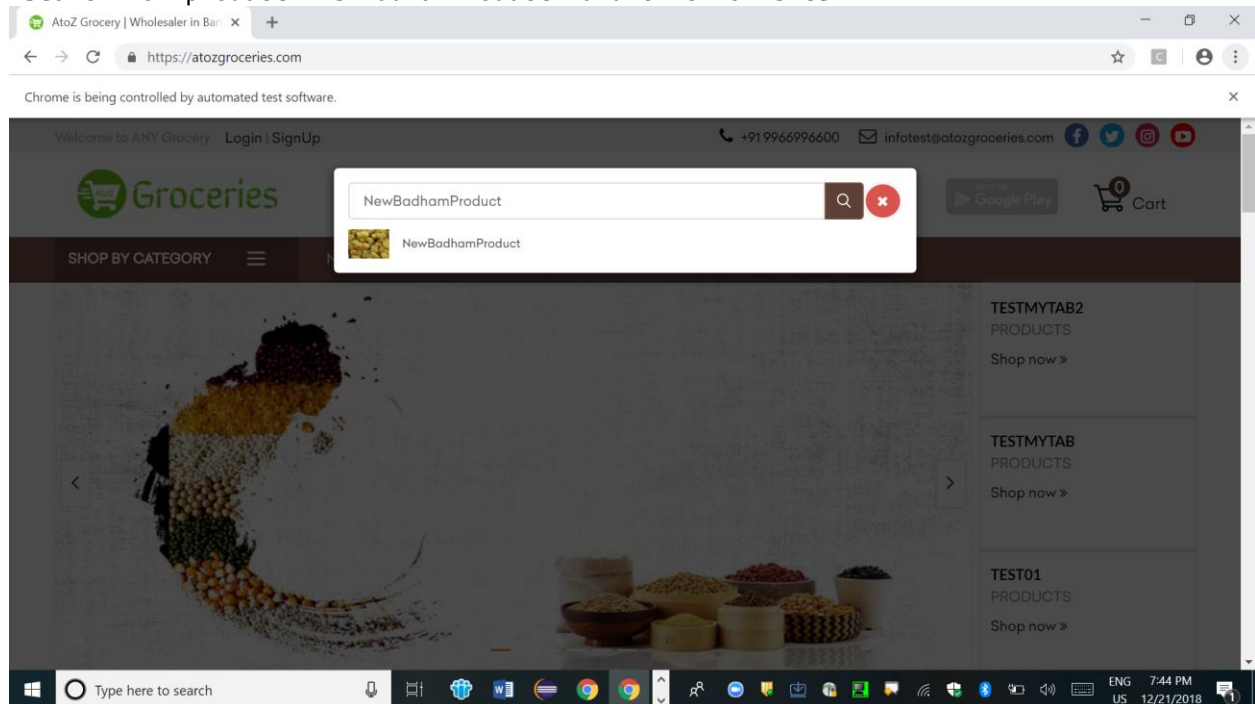
#	Product Name	Image	Model	Price	Total Quantity	Sort Order	Status	Action
1	NewTest(working on this)		NewTest	425.25 472.5		1	Enabled	Action
2	Bislery Water		Model-W	19.95 24	25	0	Enabled	Action
3	NewBadhamProduct		New	1320.00 124		1	Enabled	Action

*Navigate to user portal click on 'Search for products...'

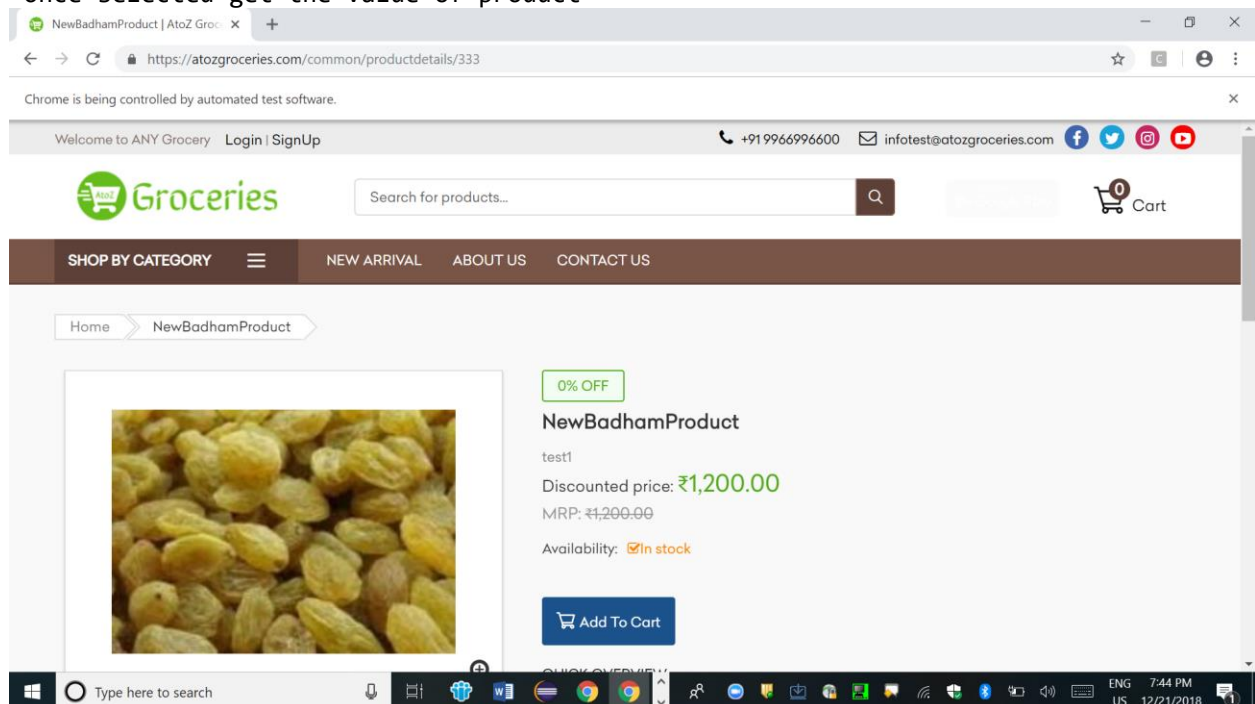
The screenshot shows the 'AtoZ Grocery' user portal. A search bar at the top has a dropdown menu open with the following suggestions:

- NewTest(working on this)
- Bislery Water
- NewBadhamProduct
- DoNotDelete
- Product_Rajendra
- newPPProductNew100
- Product-Old
- dynamic kismis fine 1kg 2222

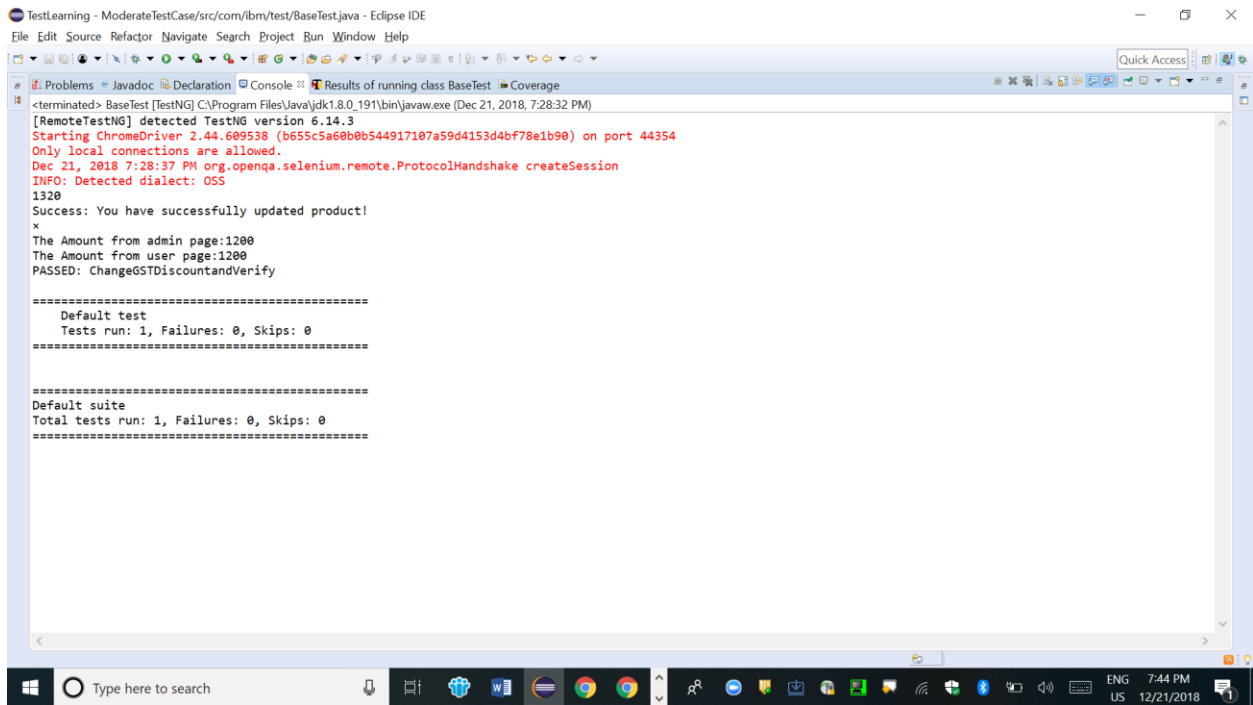
*Search for product 'NewBadhamProduct' and click on enter



*Once selected get the value of product



Output from eclipse webdrive:



The screenshot shows the Eclipse IDE interface with the 'Console' tab selected. The console displays the output of a Java test class named 'BaseTest'. The output includes the following text:

```
<terminated> BaseTest [TestNG] C:\Program Files\Java\jdk1.8.0_191\bin\javaw.exe (Dec 21, 2018, 7:28:32 PM)
[RemoteTestNG] detected TestNG version 6.14.3
Starting ChromeDriver 2.44.609538 (b655c5a60b0b544917107a59d4153d4bf78e1b90) on port 44354
Only local connections are allowed.
Dec 21, 2018 7:28:37 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS
1320
Success: You have successfully updated product!
x
The Amount from admin page:1200
The Amount from user page:1200
PASSED: ChangeGSTDiscountandVerify

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

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

The IDE window title is 'TestLearning - ModerateTestCase/src/com/ibm/test/BaseTest.java - Eclipse IDE'. The bottom status bar shows the system time as 7:44 PM on 12/21/2018.