

## 2.1 TC008

TC151	Edit a Product tab status and verify	1. Login to admin portal 2. Select the product status to disabled and save 3. Product should not be displayed on search of user page Note: Only top 3 will be displayed on user page	1. Verify the presence of modified product status under the tab list. 2. Verify the product name should not comes under the search of userpage.
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**After disabling the product in admin page and when search in user page the disabled product is displaying . So As Per Balaji's comment need some development on this issue so he asked me to upload the code till search in user page.**

## 2.2 Coding

### Admin Page

```
package com.ibm.pages;
```

```
import org.openqa.selenium.WebDriver;  
import org.openqa.selenium.WebElement;  
import org.openqa.selenium.support.FindBy;  
import org.openqa.selenium.support.How;  
import org.openqa.selenium.support.PageFactory;  
import org.openqa.selenium.support.ui.WebDriverWait;
```

```
public class AdminPage {  
    @FindBy(how=How.NAME,using="email")WebElement emailEle;  
    @FindBy(how=How.NAME,using="pword")WebElement passEle;  
    @FindBy(how=How.XPATH,using="//button[@class='btn btn-labeled btn-info m-b-5']")WebElement loginEle;  
    WebDriverWait wait;  
    WebDriver driver;
```

```

public AdminPage(WebDriver driver,WebDriverWait wait) {

    PageFactory.initElements(driver, this);

    this.driver=driver;

    this.wait=wait;

}

public AdminPage enterEmailAddress(String uname)
{

    emailEle.sendKeys(uname);

    return this;

}


public AdminPage enterPassword(String pwd)
{

    passEle.sendKeys(pwd);

    return this;

}


public void clickOnLogin()
{

    loginEle.click();

}

}

```

## **Product Page**

```
package com.ibm.pages;
```

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

```
import java.util.List;
```

```

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.support.FindBy;

import org.openqa.selenium.support.How;

import org.openqa.selenium.support.PageFactory;

import org.openqa.selenium.support.ui.WebDriverWait;


public class ProductPage {

    @FindBy(how=How.XPATH,using="//a[@class='material-ripple']][2]")WebElement catalog;

    @FindBy(how=How.XPATH,using="//a[@class='material-ripple']][6]")WebElement
products;

    @FindBy(how=How.XPATH,using="//table[@id='dataTableExample2']/tbody/tr/td[9]")WebE
lement table;

    @FindBy(how=How.LINK_TEXT,using="Edit")WebElement edit;

    @FindBy(how=How.XPATH,using="//input[@class='form-control input-sm']")WebElement
search;

    @FindBy(how=How.XPATH,using="//*[@id='dataTableExample2']/tbody/tr/td[5]")
WebElement price;

    WebDriverWait wait;

    WebDriver driver;


    public ProductPage(WebDriver driver,WebDriverWait wait) {

        PageFactory.initElements(driver, this);

        this.driver=driver;

        this.wait=wait;

    }

    public void clickCatalog()

    {

        catalog.click();

    }

}

```

```
public void clickProducts()
{
    products.click();
}

public void actionTable()
{
    table.click();
}

public void clickEdit()
{
    edit.click();
}

public void sendkeysSearch(String data)
{
    search.sendKeys(data);
}

public float roundOff;

public void pricevalue()
{
    String pv=price.getText().replace(", ", "");
    String rline=pv.substring(0,pv.indexOf("\n"));
    System.out.println("Actual price : " + rline);

    float actual_value=Float.parseFloat(rline);

    System.out.println(actual_value);

    float percentage = actual_value * 5/100;
```

```

        float result = actual_value - percentage;

        System.out.println("5 % reduced value:" + result);
        roundOff=Math.round(result);
        System.out.println(roundOff);

    }
}

```

## Edit Product Page

```

package com.ibm.pages;

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.How;
import org.openqa.selenium.support.PageFactory;
import org.openqa.selenium.support.ui.ExpectedConditions;
import org.openqa.selenium.support.ui.Select;
import org.openqa.selenium.support.ui.WebDriverWait;

public class EditProductPage {

    @FindBy(how=How.ID,using="pro_name")WebElement pName;
    @FindBy(how=How.XPATH,using="//button[@class='btn btn-primary']")WebElement save;
    @FindBy(how=How.LINK_TEXT,using="Data")WebElement data;
    @FindBy(how=How.XPATH,using="//*[@id='status']")WebElement status;
    @FindBy(how=How.XPATH,using="//button[@class='btn btn-primary']/i")WebElement dataSave;

    WebDriverWait wait;
}

```

```
WebDriver driver;
```

```
By validation=By.xpath("//input[@id='pro_name']");
```

```
public EditProductPage(WebDriver driver,WebDriverWait wait) {
```

```
    PageFactory.initElements(driver, this);
```

```
    this.driver=driver;
```

```
    this.wait=wait;
```

```
}
```

```
public void removeProductName()
```

```
{
```

```
    pName.clear();
```

```
}
```

```
public void clickSave()
```

```
{
```

```
    save.click();
```

```
}
```

```
public void clickData()
```

```
{
```

```
    data.click();
```

```
}
```

```
public void selectStatus()
```

```
{
```

```
    Select se=new Select(status);
```

```
    se.selectByVisibleText("Disabled");
```

```
}
```

```
public void clickDataSave()
```

```
{
```

```

        dataSave.click();
    }

    public String getPagesourceForNegativeValidation()
    {
        wait.until(ExpectedConditions.presenceOfElementLocated(validation));

        return driver.getPageSource();
    }
}

```

## UserPortalLoginPage

```

package com.ibm.pages;

import java.util.List;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.support.FindBy;
import org.openqa.selenium.support.How;
import org.openqa.selenium.support.PageFactory;
import org.openqa.selenium.support.ui.WebDriverWait;

public class UserPortalLoginPage {

    WebDriverWait wait;

    WebDriver driver;
}

```

```
        @FindBy(how=How.XPATH,using="//span[@class='input-group-addon']")WebElement searchIcon;
```

```
        @FindBy(how=How.XPATH,using="//span[@class='click-categories flaticon-bars']")[2])WebElement categoryList;
```

```
        @FindBy(how=How.XPATH,using="//input[@type='text']")[2])WebElement searchProducts;
```

```
        @FindBy(how=How.XPATH,using="//span[text()='Bislery Water']")WebElement searchResult;
```

```
        @FindBy(how=How.XPATH,using="//*[id='mm-0']/div[5]/div/div[2]/div/div/div[2]/div/p[1]/span") WebElement pricetext;
```

```
    public UserPortalLoginPage(WebDriver driver,WebDriverWait wait) {
```

```
        PageFactory.initElements(driver, this);
```

```
        this.driver=driver;
```

```
        this.wait=wait;
```

```
    }
```

```
    public void clickSearchIcon()
```

```
    {
```

```
        searchIcon.click();
```

```
    }
```

```
    public void shopByCategory() throws InterruptedException
```

```
    {
```

```
        categoryList.click();
```

```
    }
```

```
    public void searchproduct(String product)
```

```
    {
```

```
        searchProducts.sendKeys(product);
```

```
    }
```

```
    public void clickOnSearchResults()
```

```
    {
```

```
        searchResult.click();
```

```
    }
```



```

        public float expected_value;

        public void price_value()
        {
            String pc=      pricetext.getText().replace("₹", "");

            float value=Float.parseFloat(pc);

            expected_value=Math.round(value);

            System.out.println("expected_value :"+ expected_value);

        }
    }
}

```

## TC008

```

package com.ibm.test;

import java.io.IOException;
import java.util.HashMap;
import java.util.concurrent.TimeUnit;

import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.ui.WebDriverWait;
import org.testng.annotations.BeforeMethod;
import org.testng.annotations.BeforeSuite;
import org.testng.annotations.Test;

import com.ibm.pages.AdminPage;
import com.ibm.pages.EditProductPage;
import com.ibm.pages.ProductPage;
import com.ibm.pages.UserPortalLoginPage;
import com.ibm.utilities.PropertiesFileHandler;

public class TC008 {
    WebDriver driver;
    WebDriverWait wait;
    PropertiesFileHandler propFileHandler;
    HashMap<String, String> data;

    @BeforeSuite
    public void preSetForTest() throws IOException {
        String file = "./TestData/data.properties";
        propFileHandler = new PropertiesFileHandler();
    }
}

```

```

        data = propFileHandler.getPropertiesAsMap(file);
    }

    @BeforeMethod
    public void Initialization() {
        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);
    }

    /*@AfterMethod
    public void closeBrowser() {
        driver.quit();
    }*/

    @Test(testName = "UserPageValidation")
    public void testCase8() throws IOException, InterruptedException {

        String url = data.get("url");
        String userName = data.get("uname");
        String password = data.get("pwd");
        String search=data.get("searchProduct");

        driver.get(url);

        AdminPage admin = new AdminPage(driver, wait);
        admin.enterEmailAddress(userName);
        admin.enterPassword(password);
        admin.clickOnLogin();

        ProductPage pp =new ProductPage(driver,wait);
        pp.clickCatalog();
        pp.clickProducts();
        pp.sendKeysSearch(search);
        pp.actionTable();
        pp.clickEdit();

        EditProductPage epp =new
EditProductPage(driver,wait);

        epp.clickData();
        epp.selectStatus();
        JavascriptExecutor jse =
(JavascriptExecutor)driver;
        jse.executeScript("window.scrollTo(0, -
document.body.scrollHeight);");
        Thread.sleep(3000);
        epp.clickDataSave();

        String userUrl=data.get("userurl");
        driver.get(userUrl);

        UserPortalLoginPage uplp = new
UserPortalLoginPage(driver,wait);
        uplp.clickSearchIcon();
        uplp.searchproduct(search);
    }

```

```

        Thread.sleep(3000);
        uplp.clickOnSearchResults();
    }

}

```

## Data.Properties

```

url=https://atozgroceries.com/admin
uname=demo@atozgroceries.com
pwd=456789
bannerName=Pavithra
producttitle=Products | Admin Panel - Powered By A&S
nName=easyordering
pushnotificationPageTitle=Push Notification | Admin Panel - Powered By A&S
returnStatusName=Return Status Name
weightClassText= Edit Weight Class
toolTipMessage=Please fill out this field.
userurl=https://atozgroceries.com/
searchProduct=Bislery Water

```

## Testng.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE suite SYSTEM "http://testng.org/testng-1.0.dtd">
<suite name="Suite">
    <test thread-count="5" name="Test">
        <classes>
            <!-- <class name="com.ibm.test.BaseTest"/> -->
            <!-- <class name="com.ibm.test.TC001"/> -->
            <!-- <class name="com.ibm.test.TC002"/> -->
            <!-- <class name="com.ibm.test.TC003"/> -->
            <class name="com.ibm.test.TC008"/>
        </classes>
    </test> <!-- Test -->
</suite> <!-- Suite -->

```

## 2.3 Explanation

1. Created a AdminLoginPage,ProductPage ,EditProductPage and UserPortalLoginPage using Page object model where implemented Page factory concept as well.
- 2.AdminLoginPage implemented the methods like uname ,pwd and login
- 3.ProductPage clicking on catalog and product tabs and navigating to the table Search for the product and edit the status to disabled.
- 4.Login to userPage and search for the product.
- 5.The disabled product should not displayed on the user page but it is displaying now.
- 6.Values are sending from data.properties file using hashmap concept key and value pair.
- 7.Creating object for all the pages and calling all the methods in TC008.java file where implementing @Test.

8. Converting the project into testng.xml to execute all the codes at one run.

## 2.4 Output

The screenshot displays the 'easyordering' admin panel. The top navigation bar includes a 'Logout' button. The left sidebar contains a menu with 'Dashboard', 'Catalog' (expanded), 'Sales', 'Customers', 'Marketing', and 'System'. The 'Catalog' menu has sub-items: 'Tabs', 'Banners', 'Categories', 'Products', 'Product Image', and 'Information'. The main content area is titled 'Products' and shows a 'Product List' table. The table has columns for '#', 'Product Name', 'Image', 'Model', 'Price', 'Total Quantity', 'Sort Order', 'Status', and 'Action'. The table contains 4 rows of product data. Below the table, there are buttons for 'Copy', 'CSV', 'Excel', 'PDF', and 'Print', and a search bar. The bottom screenshot shows the 'Product Edit' form for the product 'prod\_chocolate2'. The form includes fields for 'Price After Special Discount' (19), 'Discount Quantity' (0), 'Discount Price' (0), 'Quantity' (25), 'Weight' (test1), 'Total Quantity' (25), 'Out Of Stock Status' (In Stock), 'Sort Order' (0), and 'Status' (Disabled).

Products | Admin Panel - Power... x

https://atozgroceries.com/admin/products/tab?token=a87ff679a2f3e71d9181a67b7542122c

Chrome is being controlled by automated test software.

easyordering

Logout

Dashboard

Catalog

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

Sales

Customers

Marketing

System

Products

Product List

Show 10 entries

Copy CSV Excel PDF Print

Search:

#	Product Name	Image	Model	Price	Total Quantity	Sort Order	Status	Action
1	Badam-p01		Model-New	3.03 5.05	11	0	Enabled	Action
2	mithaimate		Test	84.00 84		1	Enabled	Action
3	Fresh Badham		Fresh	1,050.00 54		1	Disabled	Action
4	prod_chocolate2		Dairy Milk	88.00 88		1	Enabled	Action

Type here to search

16:09 25-12-2018

Products | Admin Panel - Power... x

https://atozgroceries.com/admin/products/edit/336?token=1679091c5a880faf6fb5e6087eb1b2dc

Chrome is being controlled by automated test software.

easyordering

Logout

Price After Special Discount

19

Discount Quantity

0

Discount Price

0

Quantity

25

Weight

test1

Total Quantity

25

Out Of Stock Status

In Stock

Sort Order

0

Status

Disabled


Type here to search

16:10 25-12-2018

Products | Admin Panel - Powero x +

← → ↻ https://atozgroceries.com/admin/products/tab?token=45c48cce2e2d7fbdea1afc51c7c6ad26

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Logout

Catalog

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


SalesCustomersMarketingSystemReports

### Product List

Show 10 entries

Copy CSV Excel PDF Print

Search: Bisleri Water

#	Product Name	Image	Model	Price	Total Quantity	Sort Order	Status	Action
9	Bisleri Water		Model-W	19.95	25	0	Disabled	Action

Previous 1 Next

Type here to search

16:09 25-12-2018





AtoZ Grocery | Wholesaler in Bar x +


← → ↻ https://atozgroceries.com

Chrome is being controlled by automated test software.


Welcome to ANY Grocery Login | SignUp

+91 9966996600 acfgd@gmail.com






Bisleri Water

 Bisleri Water

SHOP BY CATEGORY



## DYNAMIC TRADER

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

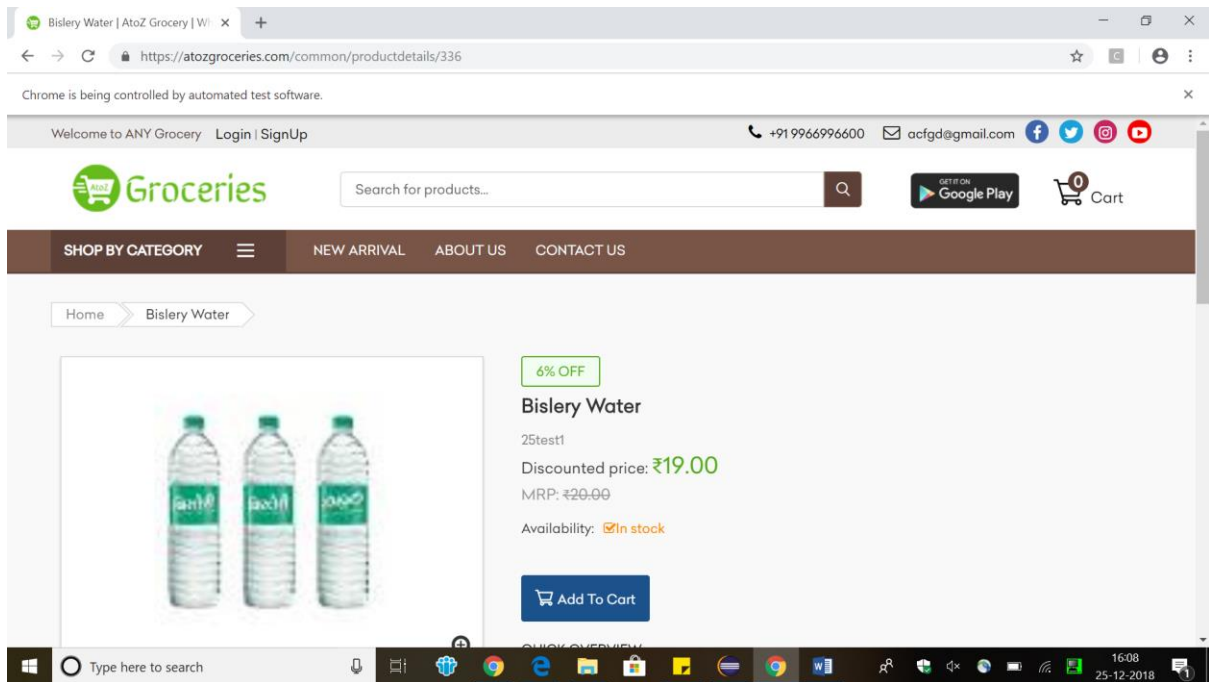
TESTMYTAB2  
PRODUCTS  
Shop now »

TAB\_RAJENDRA  
PRODUCTS  
Shop now »

TESTMYTAB  
PRODUCTS  
Shop now »

Type here to search

16:09 25-12-2018



[RemoteTestNG] detected TestNG version 6.14.2  
Starting ChromeDriver 2.44.609538 (b655c5a60b0b544917107a59d4153d4bf78e1b90) on  
port 29676  
Only local connections are allowed.  
Dec 25, 2018 3:06:25 PM org.openqa.selenium.remote.ProtocolHandshake createSession  
INFO: Detected dialect: OSS  
PASSED: testCase8

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

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