

PFA day 6 test case,

Process	Steps To Execute	Expected Results
Add a new Product	1. Login to admin portal 2. Add a new product by filling only the madatory fields. Note: You have to fill the details under PRODUCT, DATA, LINK, IMAGE	1. Validate the presence of the added product. 2. Verify the presence of added product on the user page. https://atozgroceries.com/ Note: Search for the product using search bar.

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.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;

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;
```

```
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;

    }

}
```

```
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.ReturnSatusPage;
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;
```

```
    PropertiesFileHandler propFileHandler;
```

```
    HashMap<String, String> data;
```

```
// before suite 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);
```

```
}
```

```
// before method 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();
```



```
wait        driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS); // declaring implicit
```

```
}
```

```
// aftermethod is used to run once all the test cases are run
```

```
@AfterMethod
```

```
public void closeBrowser() {  
    driver.quit();// close the browser  
}
```

```
@Test
```

```
public void testcase6() throws InterruptedException, IOException {  
    String url = data.get("url");  
    String username = data.get("user");  
    String password = data.get("password");  
    String expectedtooltipmsg = data.get("expectedtooltipmsg");  
    String expectedtext= data.get("expectedtext");  
    String urlnew = data.get("urlnew");  
    String expectedsearchtext= data.get("expectedsearctext");
```

```
    // 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 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.addproduct();
        //product.selectTab();
        //product.categories(index);
        product.uploadImage();

        // calling save method from admin page to save the product list added

        admin.clickOnSave();

wait.until(ExpectedConditions.visibilityOfElementLocated(By.id("dataTableExample2")))
;
        // Assertion to verify the product name text after adding the product
        String actualtext = product.getTextofProductname();

        Assert.assertEquals(expectedtext, actualtext );

// After adding the product below is the code where its searching on the user page
and getting the search result.
        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();
        Thread.sleep(5000);

        String actualsearchtext=
driver.findElement(By.xpath("//div[text()='Quick OverView']")).getText();

// Assertion on search product on user page
        Assert.assertEquals(actualsearchtext, expectedsearchtext);

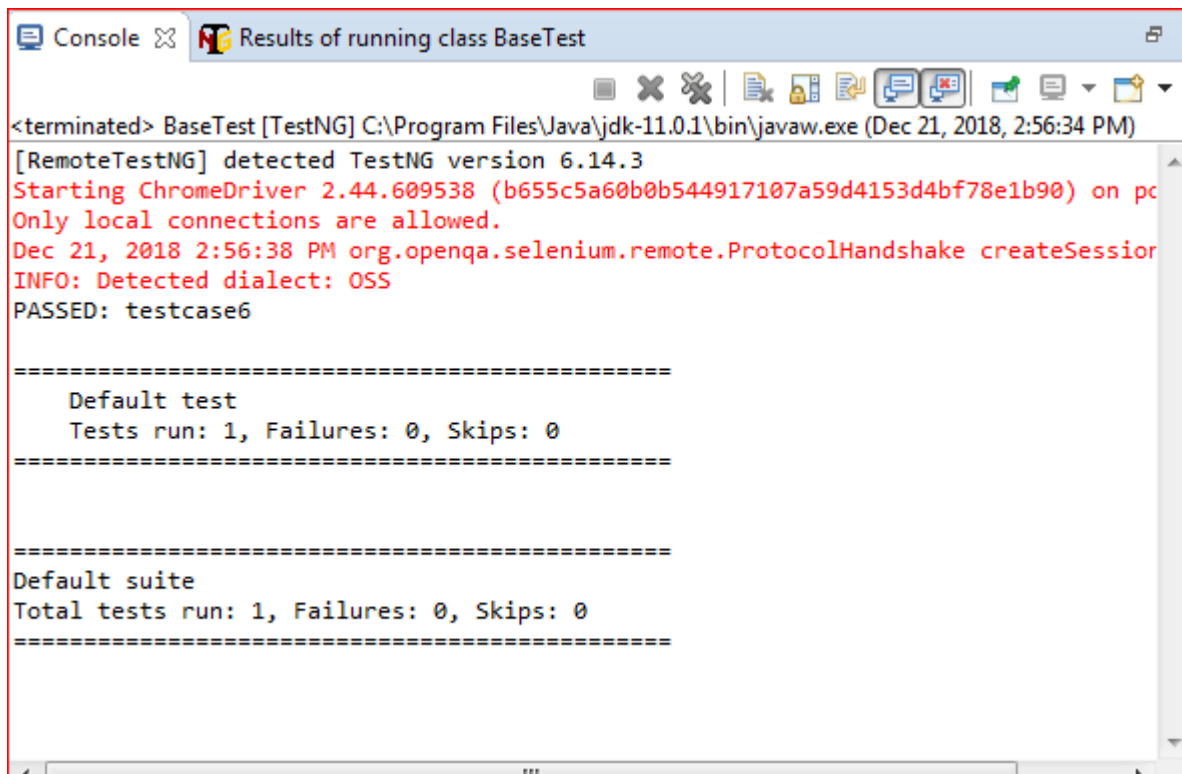
        TakesScreenshot ts = (TakesScreenshot) driver;
        File file = ts.getScreenshotAs(OutputType.FILE);
        Date date = new Date();
        String currentDate = date.toString().replace(":", "-");
        FileUtils.copyFile(file, new File("./screenshots/Error_" +
currentDate + ".png"));

    }

}

```

Screen Shot from console:

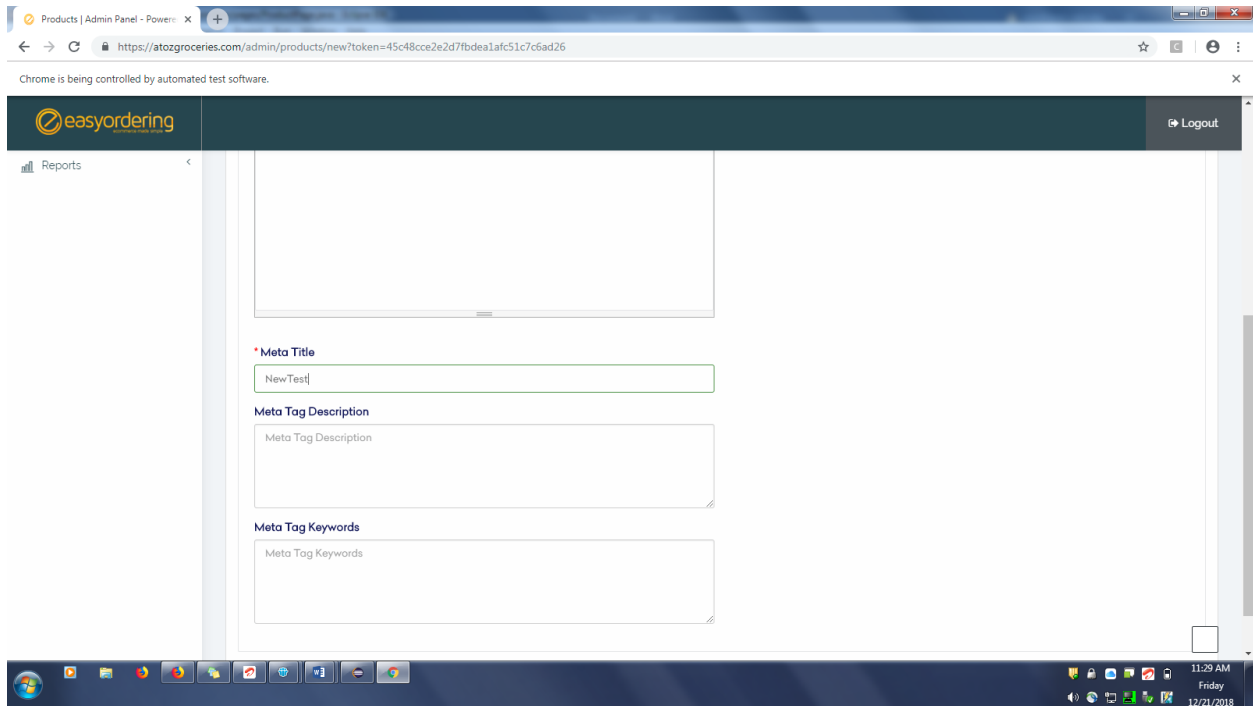


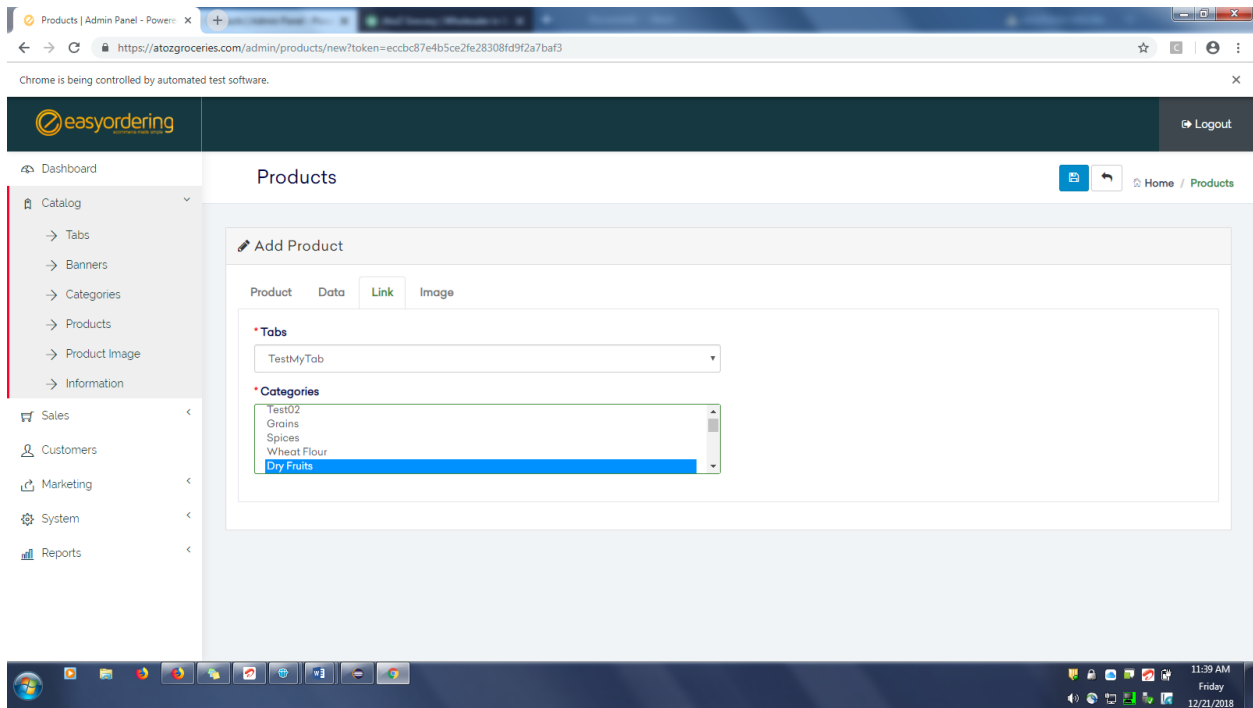
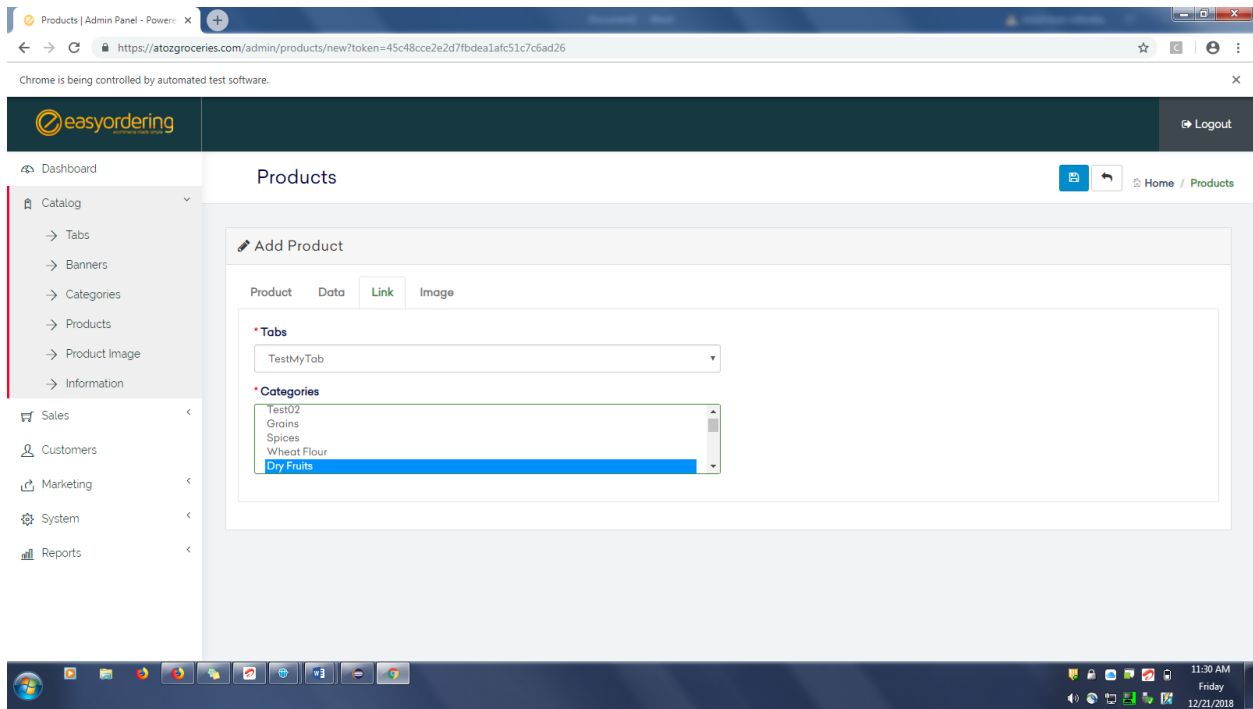
The screenshot shows a Java console window titled "Results of running class BaseTest". The output text is as follows:

```
<terminated> BaseTest [TestNG] C:\Program Files\Java\jdk-11.0.1\bin\javaw.exe (Dec 21, 2018, 2:56:34 PM)
[RemoteTestNG] detected TestNG version 6.14.3
Starting ChromeDriver 2.44.609538 (b655c5a60b0b544917107a59d4153d4bf78e1b90) on pc
Only local connections are allowed.
Dec 21, 2018 2:56:38 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS
PASSED: testcase6

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

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





Products | Admin Panel - Power... x

https://atozgroceries.com/admin/products/tab?token=1679091c5a880af6fb5e6087eb1b2dc

Chrome is being controlled by automated test software.

easyordering

Logout

Dashboard

Catalog

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

Sales

Customers

Marketing

System

Reports

Products

+ Home / Products

Success: You have successfully added product!

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	18.54 20.6	25	0	Enabled	Action
3	NewBadhamProduct		New	1260.00 61		1	Enabled	Action
4	DoNotDelete		excellent	525.00 525		1	Enabled	Action
5	Product_Rajendra		Model_Rajendra	102.6 108		1	Enabled	Action
6	newPPProductNew100		excellentModel-New	882.00 980		1	Enabled	Action

11:39 AM
Friday
12/21/2018

Atoz Grocery | Wholesaler in Ban... x

https://atozgroceries.com

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Groceries

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ON TIME GUARANTEE On time guarantee for your order

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

12:53 PM
Friday
12/21/2018



Search for products...



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Home > NewTest(working on this)



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MRP: ₹450.00

Availability: in stock

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