



**A Project Report On**  
**AUTOMATION TESTING ON YOUR STORE DEMO**  
**WEBSITE**

**By**

**Darshana A.Paniya**

**Batch: (2021-5765)**

**Course: S Prayas Certified Software Test Engineer**

**Under the Guidance of**

**Priyanka Desale**

**(Technical Trainer) EduBridge**

## **INTRODUCTION**

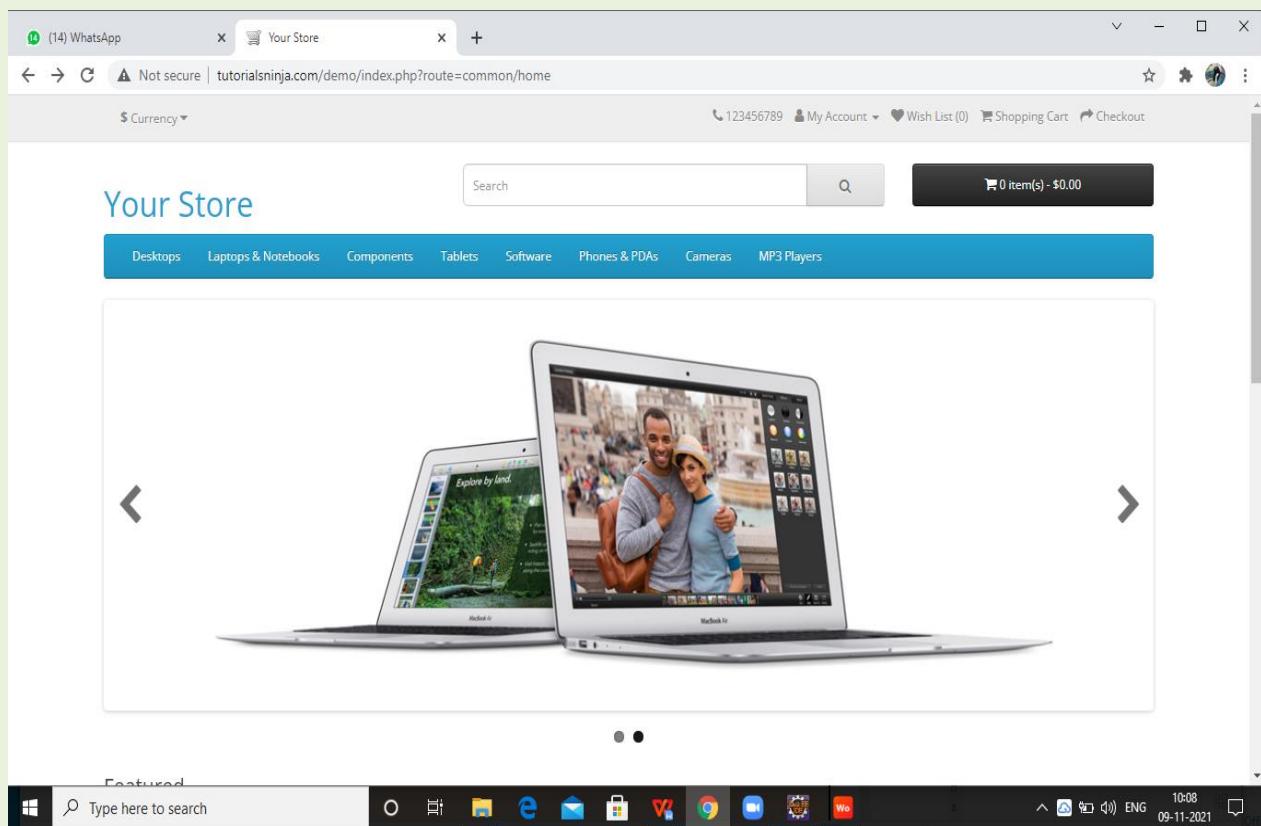
This Project aims to do overall testing like functional testing, GUI testing on website to check quality of application. It helps to improve quality of website and saves time for manually doing this testing. In this project our main focus is to check functionalities available on website. Also, it includes title check and all links count with their working status.

## **SOFTWARE REQUIREMENTS**

- Operating System: Windows 10
- Browser: Latest version of Chrome
- IDE: Eclipse IDE
- Automation Tool: Selenium WebDriver
- Front-end: Java

## TC01 – TO LAUNCH BROWSER AND OPEN URL

```
System.setProperty("webdriver.chrome.driver", "D:\selenium  
jar\chromedriver.exe");  
  
WebDriver w=new ChromeDriver();  
  
w.get("http://tutorialsninja.com/demo/index.php?  
route=common/home");  
  
w.manage().window().maximize();
```



## TC02 – REGISTRATION AND LOGIN FOR YOUR STORE DEMO WEBSITE

REGISTRATION :-

```
w.findElement(By.xpath("//*[@id=\"top-links\"]/ul/li[2]/a")).click();
w.findElement(By.linkText("Register")).click();
w.findElement(By.name("firstname")).sendKeys("Darshu");
w.findElement(By.name("lastname")).sendKeys("paniya");
w.findElement(By.name("email")).sendKeys("dpaniya@gmail.com");
w.findElement(By.name("telephone")).sendKeys("9874561230");
w.findElement(By.name("password")).sendKeys("123456");
w.findElement(By.name("confirm")).sendKeys("123456");

w.findElement(By.name("newsletter")).click();
w.findElement(By.name("agree")).click();

w.findElement(By.xpath("//*[@id=\"content\"]/form/div/div/input[2]")).click();
w.findElement(By.xpath("//*[@id=\"content\"]/div/div/a")).click();
```

LOGIN:-

```
w.findElement(By.xpath("//*[@id=\"top-links\"]/ul/li[2]/a")).click();
w.findElement(By.linkText("Login")).click();

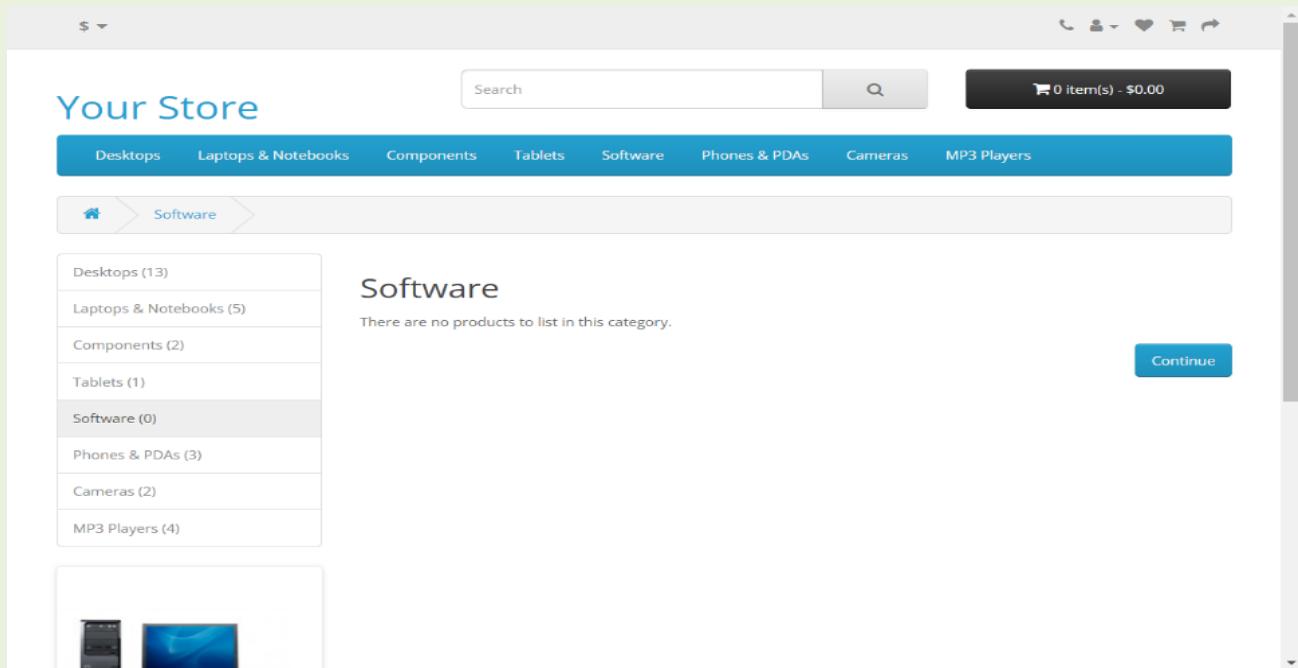
w.findElement(By.name("email")).sendKeys("dpaniya@gmail.com");
w.findElement(By.name("password")).sendKeys("123456");
w.findElement(By.xpath("//*[@id=\"content\"]/div/div[2]/div/form/input")).click();
```

## TC03- TO CHECK SOFTWARE FUNCTIONALITY OF WEBSITE

```
w.findElement(By.LinkText("Software")).click();
TakesScreenshot t=(TakesScreenshot) w;

File src=t.getScreenshotAs(OutputType.FILE);

Files.copy(src, new File("C:\\\\Users\\\\DARSHANA\\\\Desktop\\\\s2.png"));
```



## TC04- TO CHECK PHONE & PDAs FUNCTIONALITY OF WEBSITE

```
w.findElement(By.LinkText("Phones & PDAs")).click();
w.findElement(By.id("list-view")).click();
w.findElement(By.id("grid-view")).click();

Select s= new Select(w.findElement(By.id("input-sort")));

s.selectByValue("http://tutorialsninja.com/demo/index.php?route=product/category&path=24&sort=p.priceℴ=DESC");

w.findElement(By.xpath("//*[@id='content']/div[2]/div[1]/div/div[2]/div[2]/button[2]")).click();
```

## TC05- WISHLIST FUNCTIONALITY

```
w.findElement(By.xpath("//*[@id='wishlist-total']")).click();
```

## TC06- TO CHECK CAMERA FUNCTIONALITY OF SOFTWARE

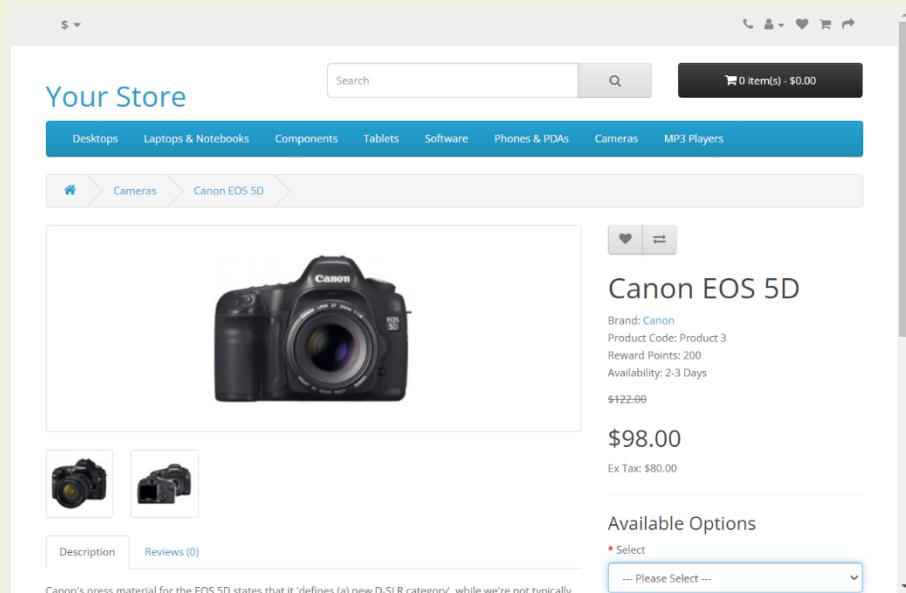
```
w.findElement(By.linkText("Cameras")).click();

w.findElement(By.xpath("//*[@id=\"content\"]//div[2]/div[1]/div/div[1]/a/img")).click();

w.findElement(By.xpath("//*[@id=\"content\"]//div/div[2]/div[1]/button[2]")).click();
w.navigate().back();
w.findElement(By.linkText("Product Compare (0)")).click();

Select s=new Select(w.findElement(By.id("input-option226")));

TakesScreenshot t=(TakesScreenshot) w;
File src=t.getScreenshotAs(OutputType.FILE);
Files.copy(src, new File("C:\\\\Users\\\\DARSHANA\\\\Desktop\\\\s.png"));
```



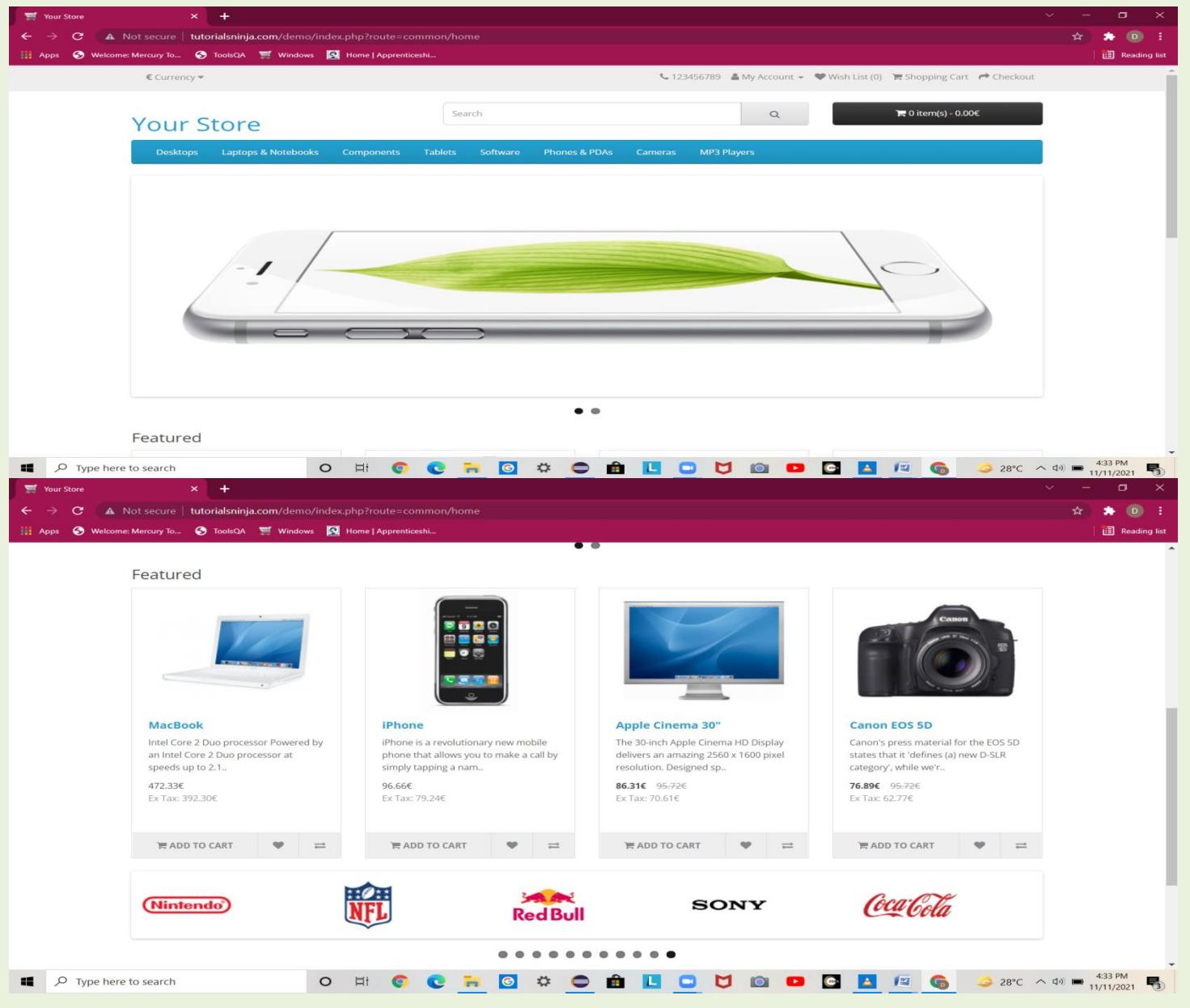
## TC07- TO CHECK MX PLAYER FUNCTIONALITY OF WEBSITE

```
Actions a =new Actions(w);
a.moveToElement(w.findElement(By.LinkText("MP3 Players"))).build().perform();
w.manage().timeouts().implicitlyWait(5, TimeUnit.SECONDS);
w.findElement(By.LinkText("test 24 (0)").click();
```

## TC08:- TO CHECK CURRENCY FUNCTIONALITY FOR EURO CURRENCY:-

```
System.setProperty("webdriver.chrome.driver",
"C:\\\\Users\\\\JANNAT\\\\Desktop\\\\SELENIUM\\\\chromedriver.exe");
WebDriver w=new ChromeDriver();
w.get("http://tutorialsninja.com/demo");
w.manage().window().maximize();

//EUR OPTION:-
w.findElement(By.xpath("//*[@id=\"form-currency\"]//div/button")).click();
w.findElement(By.name("EUR")).click();
```



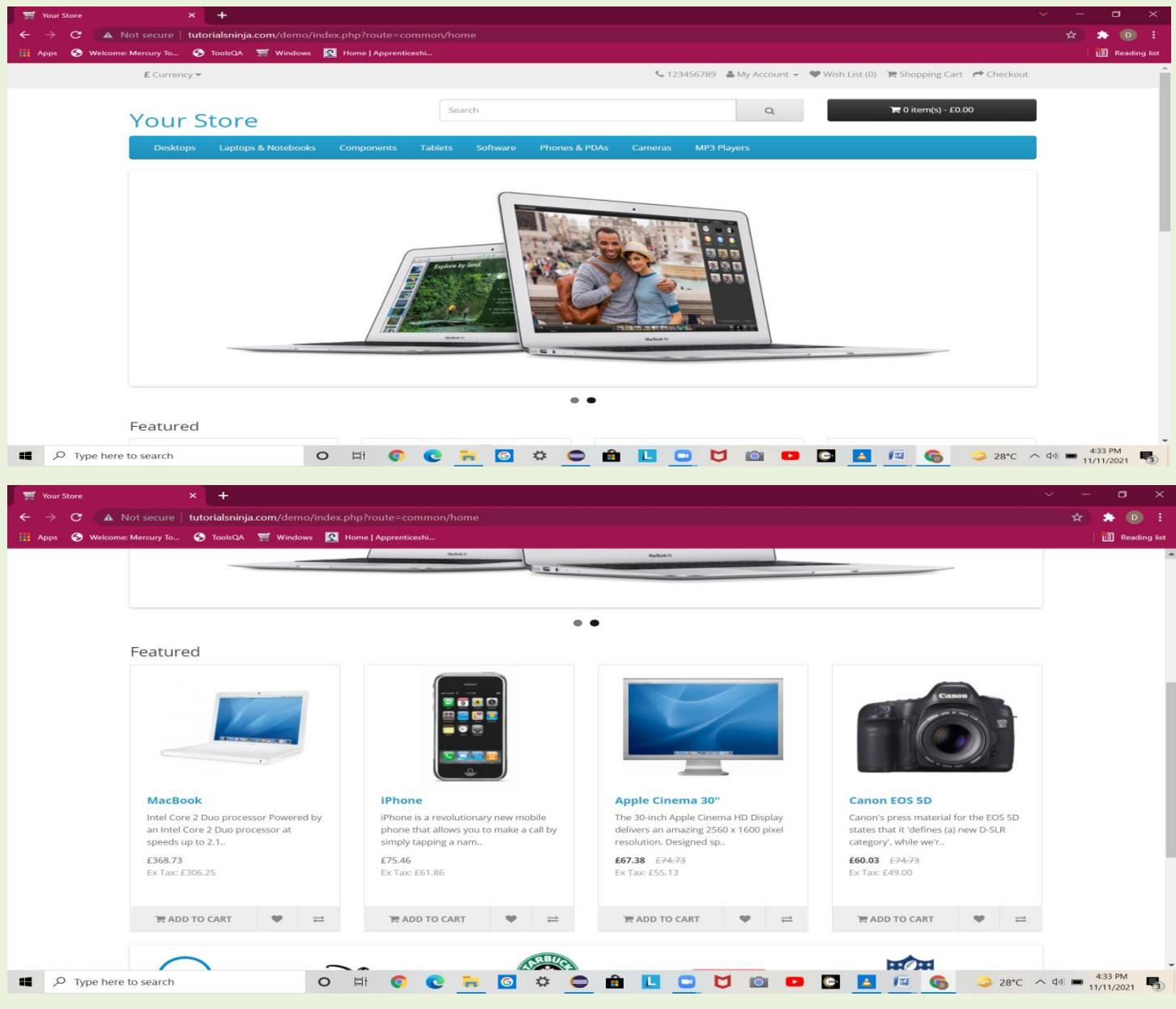
## TC9:-- TO CHECK FUNCTIONALITY OF CURRENCY BUTTON

### FOR POUND STERLING CURRENCY:-

```
System.setProperty("webdriver.chrome.driver",
"C:\\\\Users\\\\JANNAT\\\\Desktop\\\\SELENIUM\\\\chromedriver.exe");
WebDriver w=new ChromeDriver();
w.get("http://tutorialsninja.com/demo");
w.manage().window().maximize();
```

#### //POUND STERLING OPTION:-

```
Select s1=new Select(w.findElement(By.name("GBP")));
s1.selectByVisibleText("£ Pound Sterling");
```



## TC10:--- TO CHECK CURRENCY FUNCTIONALITY

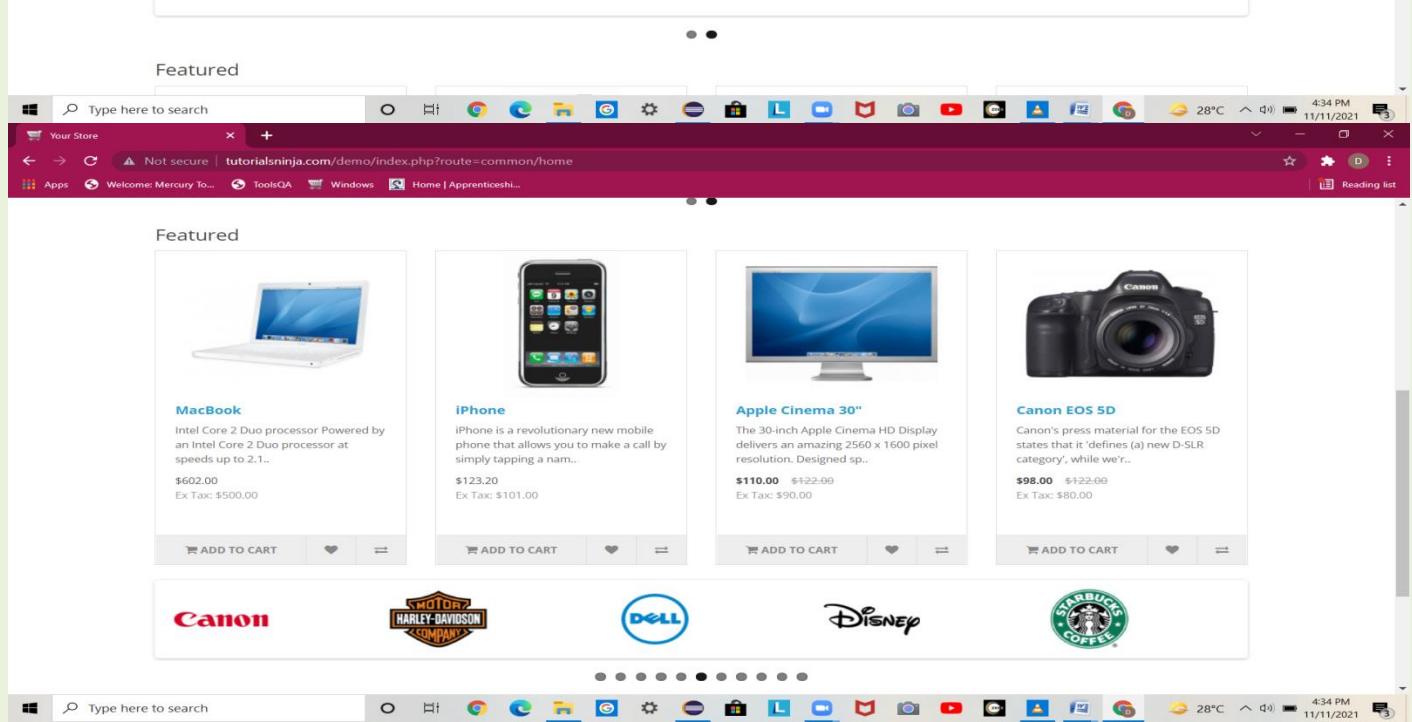
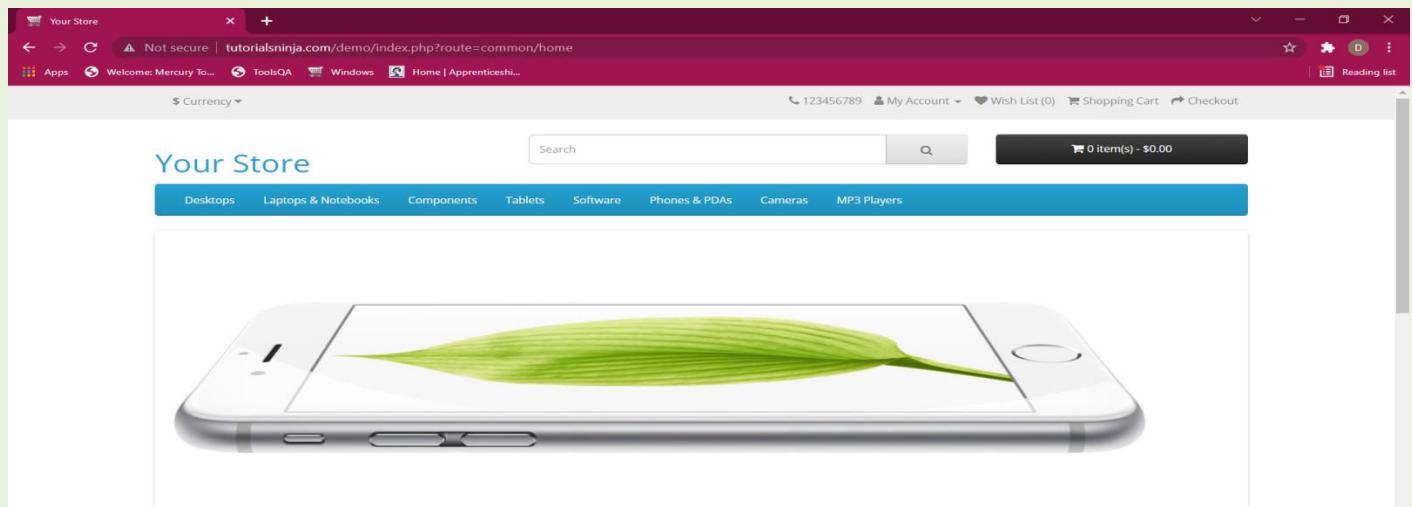
### WITH US DOLLAR CURRENCY:-

```
System.setProperty("webdriver.chrome.driver",
"C:\\\\Users\\\\JANNAT\\\\Desktop\\\\SELENIUM\\\\chromedriver.exe");
WebDriver w=new ChromeDriver();
w.get("http://tutorialsninja.com/demo");

w.manage().window().maximize();
```

#### //DOLLAR OPTION:-

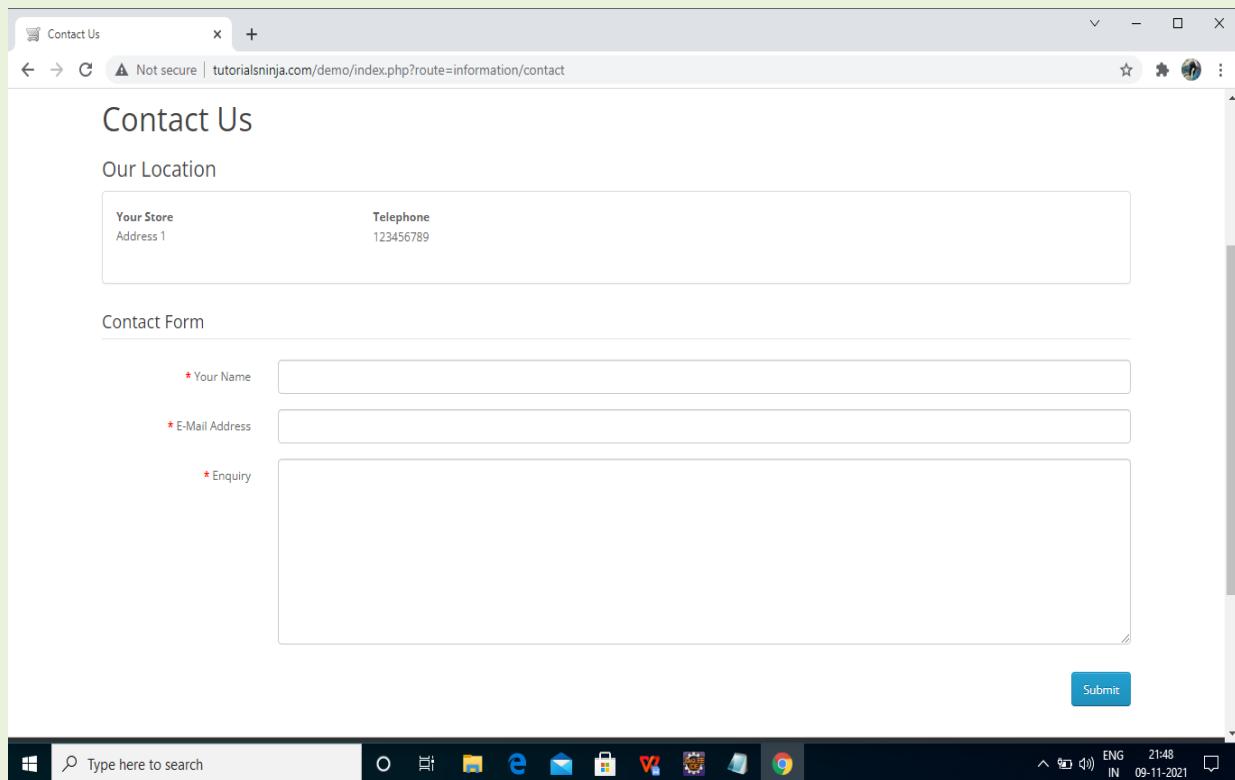
```
Select s2=new Select(w.findElement(By.name("USD")));
s2.selectByVisibleText("$ US Dollar");
```



## TC11:- TO CHECK FUNCTIONALITY OF CONTACT US BUTTON OF HOME PAGE

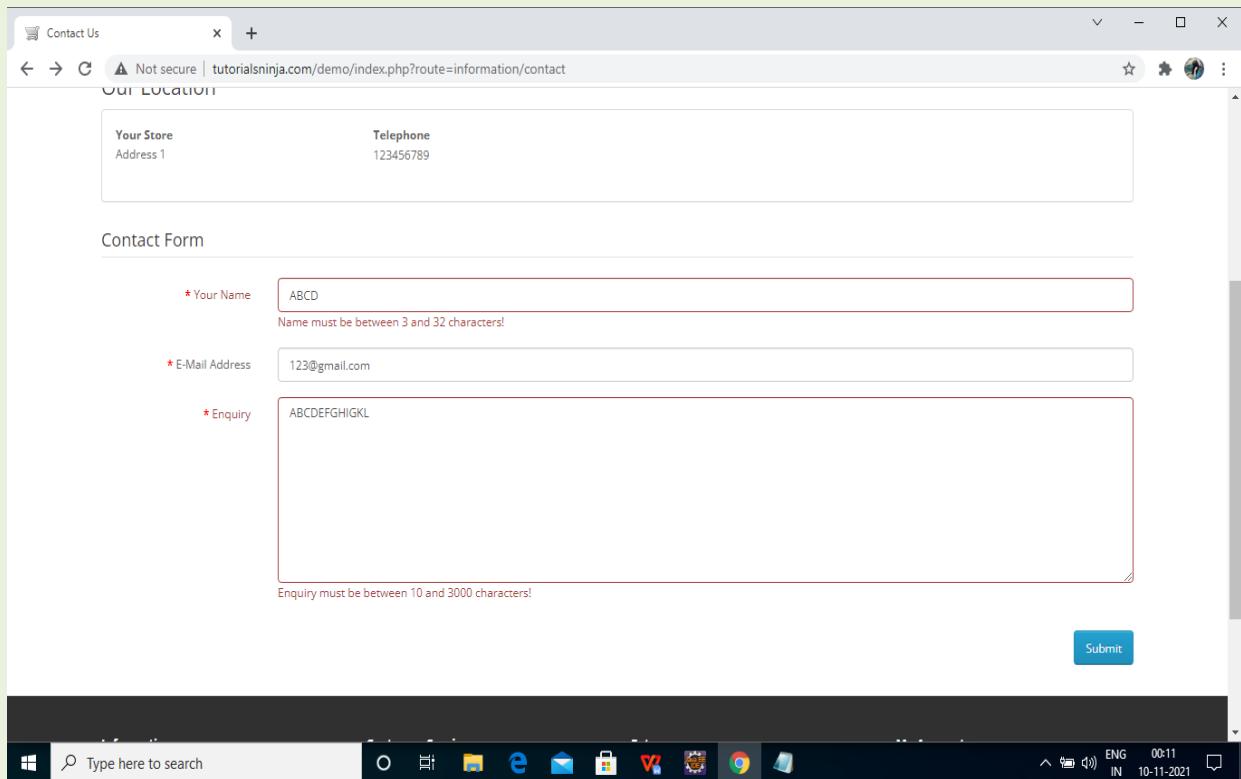
```
w.findElement(By.xpath("//*[@id='top-links']/ul/li[1]")).click();
```

```
Thread.sleep(2000)
```



## TC12- TO CHECK FUNCTIONALITY OF SUBMIT BUTTON OF CONTACT PAGE

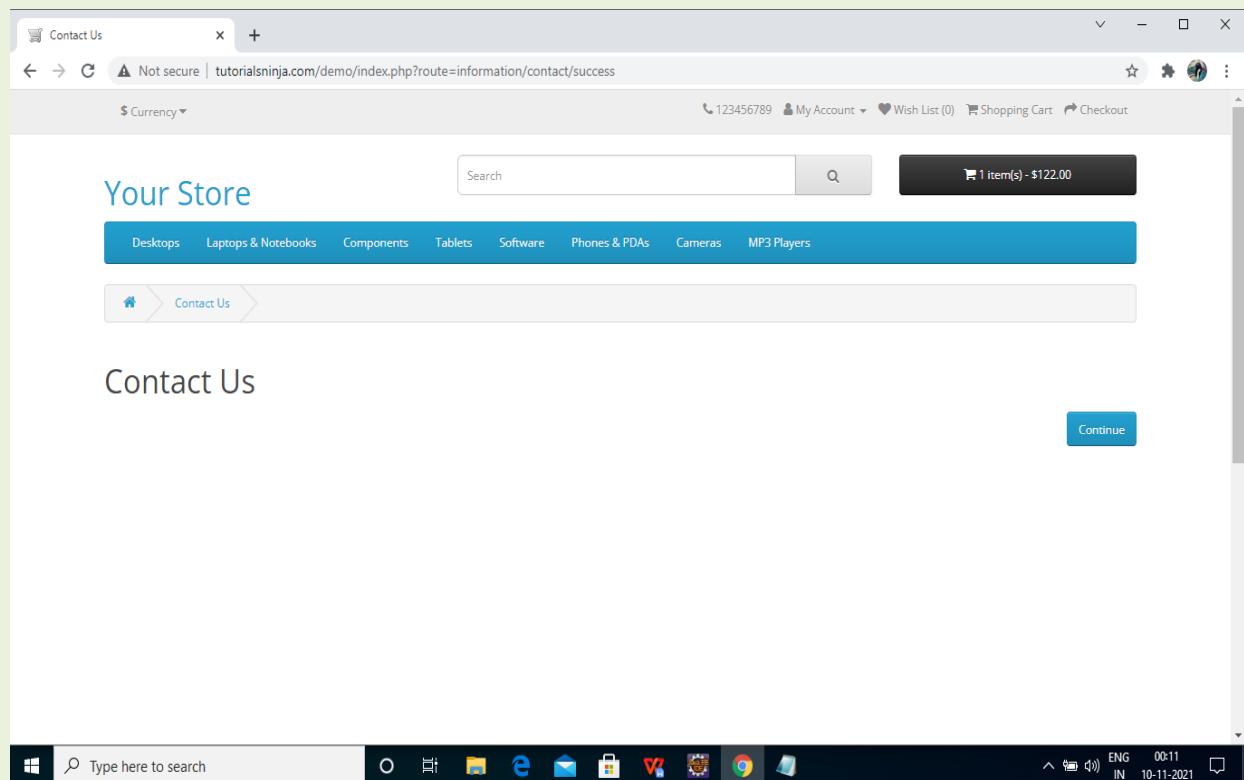
```
w.findElement(By.id("input-name")).sendKeys("abc");  
w.findElement(By.id("input-email")).sendKeys("abc@gmail.com");  
w.findElement(By.id("input-enquiry")).sendKeys("abcdef123456");  
w.findElement(By.xpath("//*[@id='content']/form/div/div/input")).click();  
Thread.sleep(2000);
```



## TC13- TO CHECK THE FUNCTIONALITY OF CONTINUE BUTTON OF CONTACT PAGE

```
w.findElement(By.xpath("//*[@id='content']/div/div/a")).click();
```

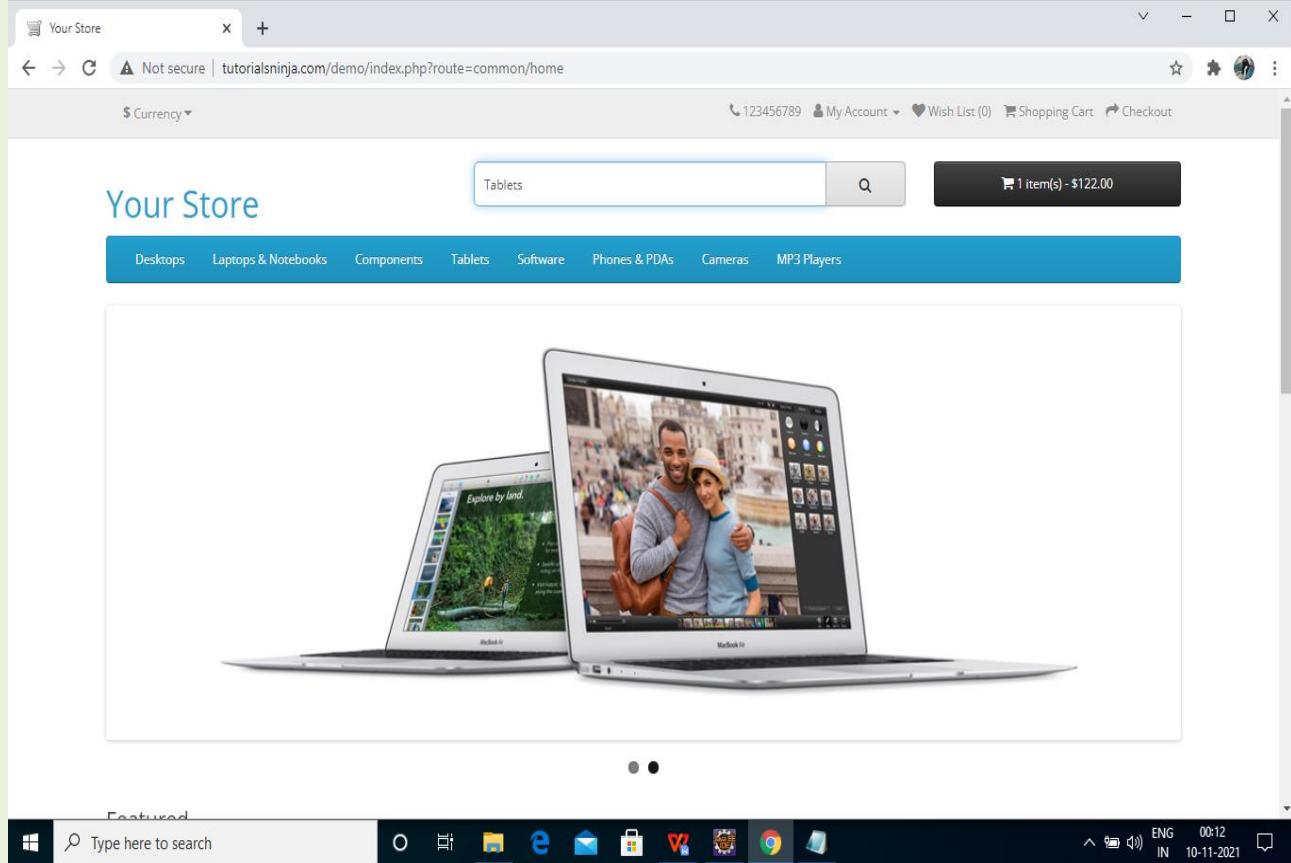
```
Thread.sleep(2000);
```



## TC14- TO CHECK THE FUNCTIONALITY OF SEARCH BAR OF HOME

### PAGE

```
w.findElement(By.name("search")).sendKeys("Tablets");  
w.findElement(By.xpath("/html/body/header/div/div/div[2]/div/s  
pan/button")).click();  
Thread.sleep(2000);
```



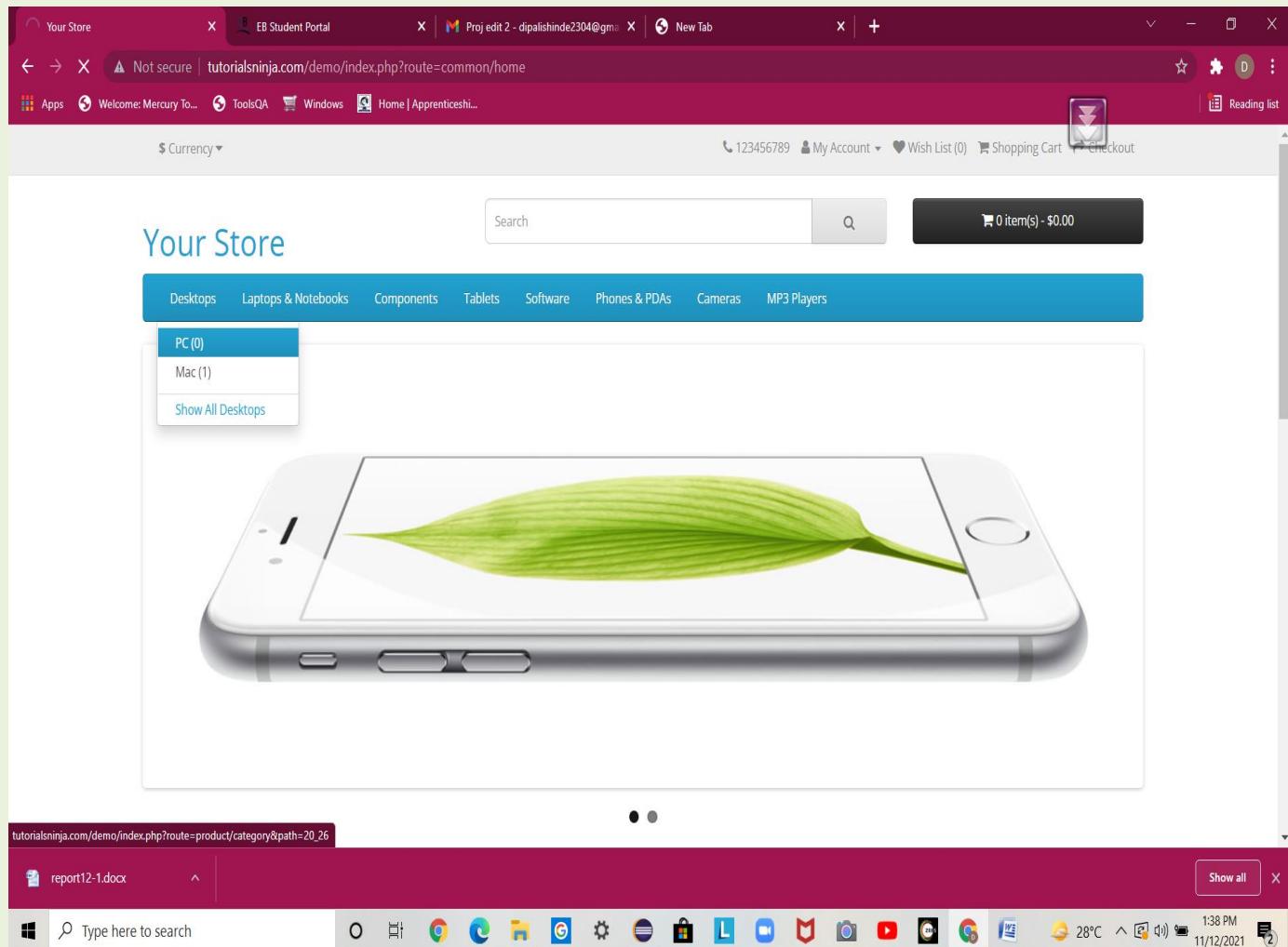
## **TC15- TO CHECK THE FUNCTIONALITY OF DESKTOP**

**PAGE:-**

```
w.findElement(By.linkText("Desktops")).click();
w.findElement(By.xpath("//*[@id='menu']/div[2]/ul/li[1]/a")).click();
w.findElement(By.id("list-view")).click();
```

Select s1=new

```
Select(w.findElement(By.xpath("//*[@id='menu']/div[2]/ul/li[1]/div/div/ul/li[1]/a")));
s1.selectByVisibleText("PC (0)");
```

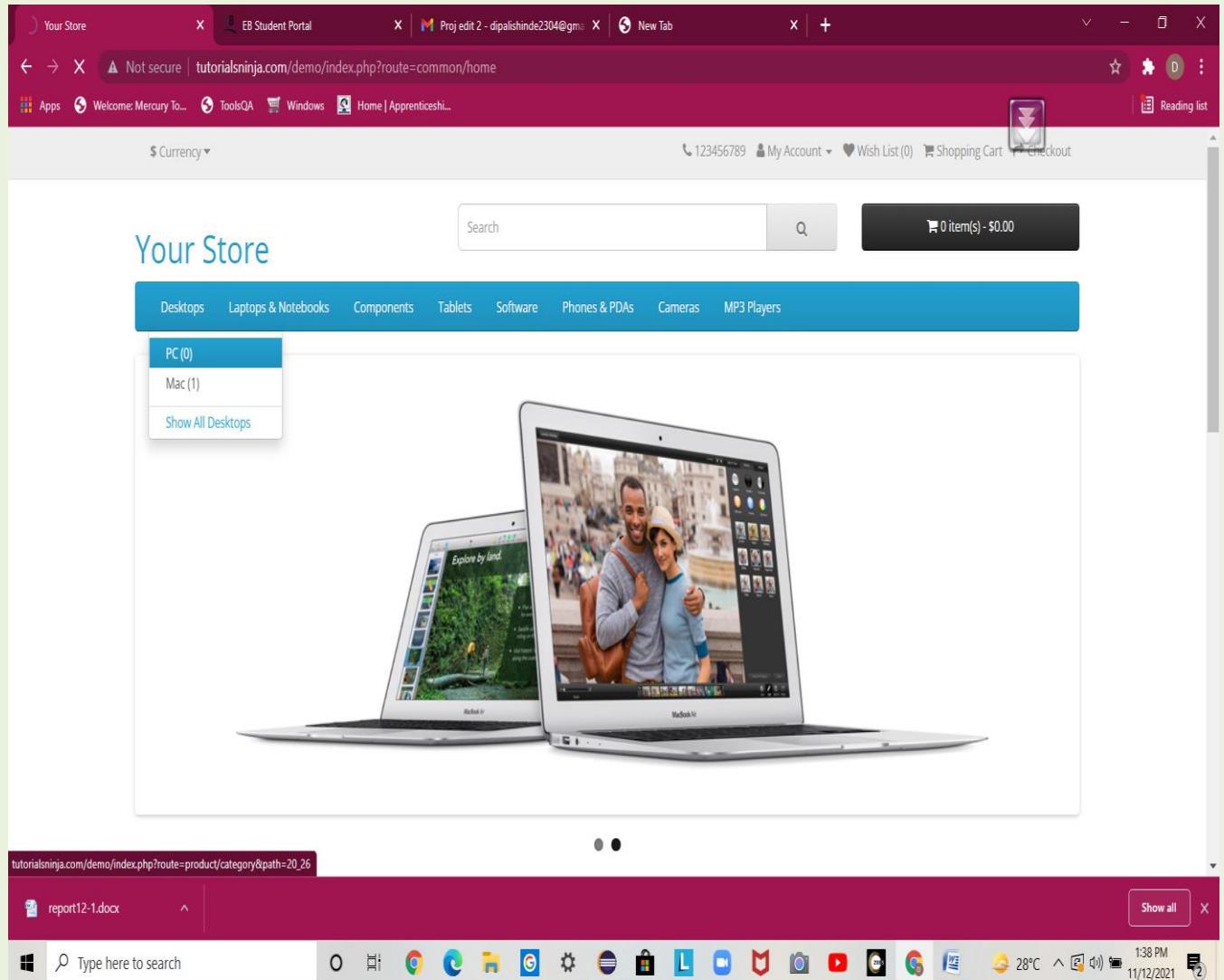


## **TC16- TO CHECK THE FUNCTIONALITY OF**

### **DESKTOP PAGE PC OPTION:-**

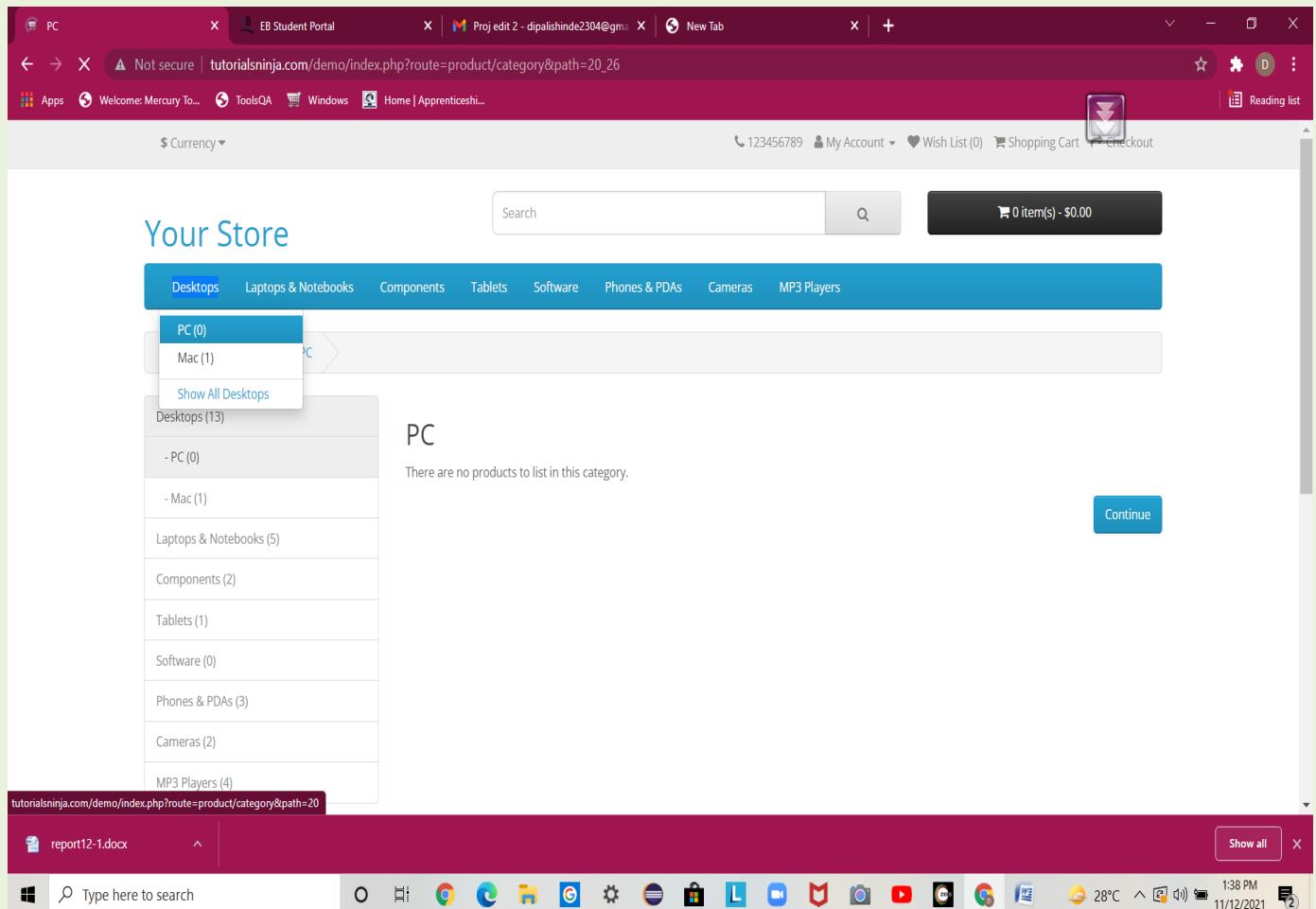
Select s1= new

```
Select(w.findElement(By.xpath("//*[@id='menu']/div[2]/ul/li[1]/div/div/ul/li[1]/a")));  
s1.selectByVisibleText("PC (0)");
```



**TC17:- TO CHECK THE FUNCTIONALITY OF  
DESKTOP PAGE PC OPTION CONTINUE BUTTON:-**

```
w.findElement(By.linkText("Continue")).click();
w.findElement(By.xpath("//*[@id='content']/div/div/a")).click();
```



## **TC18:- TO CHECK THE FUNCTIONALITY OF DESKTOP PAGE MAC OPTION:-**

```
Select s2=new Select(w.findElement(By.xpath("//*[@id='menu']/div[2]/ul/li[1]/div/div/ul/li[2]/a")));
s2.selectByVisibleText("Mac (1)");
w.findElement(By.xpath("//*[@id='menu']/div[2]/ul/li[1]/div/div/ul/li[2]/a")).click();
```

Your Store

Search

0 item(s) - \$0.00

Desktops Laptops & Notebooks Components Tablets Software Phones & PDAs Cameras MP3 Players

Home > Desktops > Mac

Desktops (13)

- PC (0)
- Mac (1)
- Laptops & Notebooks (5)
- Components (2)
- Tablets (1)
- Software (0)
- Phones & PDAs (3)
- Cameras (2)
- MP3 Players (4)

Mac

iMac

Just when you thought iMac had everything, now there's even more. More powerful Intel Core 2 Duo pro..

\$122.00

Ex Tax: \$100.00

Type here to search

246 PM 11/12/2021

## **TC19:- TO CHECK THE FUNCTIONALITY OF LAPTOPS AND NOTEBOOKS OPTION:-**

```
System.setProperty("webdriver.chrome.driver",
"C:\\\\Users\\\\JANNAT\\\\Desktop\\\\SELENIUM\\\\chromedriver.exe");
WebDriver w=new ChromeDriver();
w.get("http://tutorialsninja.com/demo");
w.manage().window().maximize();

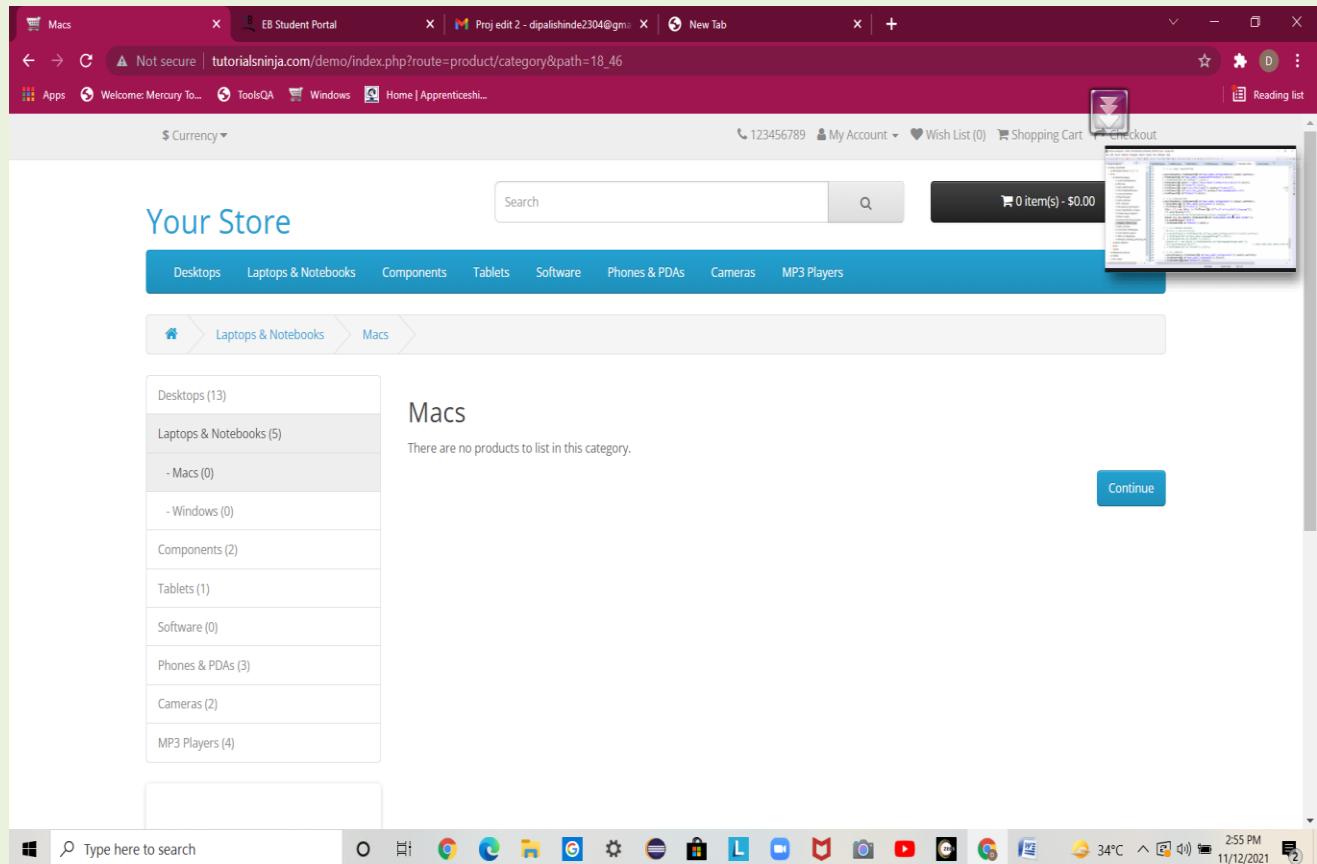
w.findElement(By.linkText("Laptops & Notebooks")).click();
w.findElement(By.className("dropdown open")).click();
w.findElement(By.id("list-view")).click();
```

The screenshot shows a web browser window with the following details:

- Address Bar:** tutorialsninja.com/demo/index.php?route=product/category&path=18
- Header:** Laptops & Notebooks, EB Student Portal, Proj edit 2 - dipalishinde2304@gmail.com, New Tab.
- User Information:** 123456789, My Account, Wish List (0), Shopping Cart, Checkout.
- Left Sidebar:** Currency dropdown, Welcome: Mercury To..., ToolsQA, Windows, Home | Apprenticeshi...  
Sub-menu for Laptops & Notebooks:
  - Desktops (13)
  - Laptops & Notebooks (5)
    - Macs (0)
    - Windows (0)
  - Components (2)
  - Tablets (1)
  - Software (0)
  - Phones & PDAs (3)
  - Cameras (2)
  - MP3 Players (4)
- Main Content:** Your Store, Search bar, 0 item(s) - \$0.00, Shopping Cart icon.  
Section: Laptops & Notebooks  
Text: Shop Laptop feature only the best laptop deals on the market. By comparing laptop deals from the likes of PC World, Comet, Dixons, The Link and Carphone Warehouse, Shop Laptop has the most comprehensive selection of laptops on the internet. At Shop Laptop, we pride ourselves on offering customers the very best laptop deals. From refurbished laptops to netbooks, Shop Laptop ensures that every laptop - in every colour, style, size and technical spec - is featured on the site at the lowest possible price.  
Refine Search: Macs (0), Windows (0).  
Product Compare (0), Sort By: Default, Show: 15.
- Bottom:** Address bar: tutorialsninja.com/demo/index.php?route=product/category&path=18, Taskbar with various icons, System tray showing date, time (2:53 PM, 11/12/2021), battery level (34°C).

**TC20:- :- TO CHECK THE FUNCTIONALITY OF  
LAPTOPS AND NOTEBOOKS IN MAC OPTION:-**

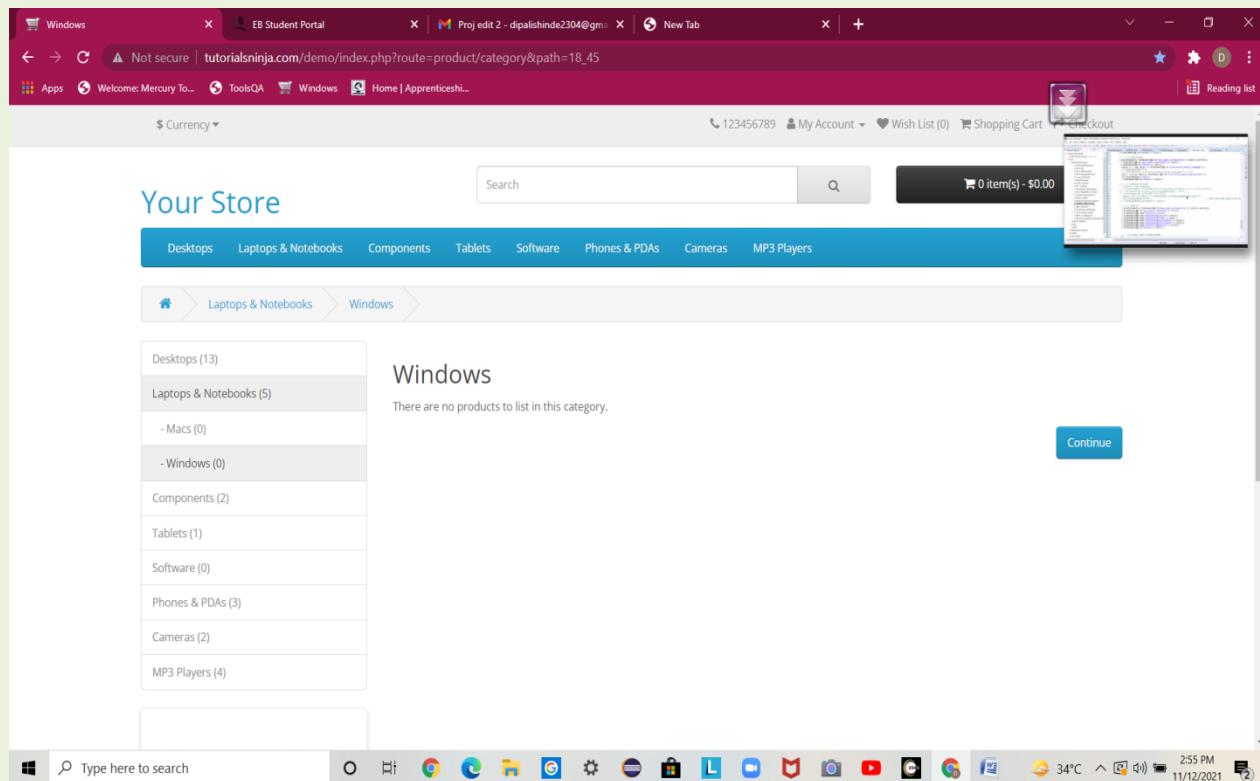
```
Select s1=new Select(w.findElement(By.xpath("//*[@id='column-left']/div[1]/a[3]")));
s1.selectByVisibleText("Macs (0)");
w.findElement(By.xpath("//*[@id='content']/div/div/a")).click();
```



## **TC21:- TO CHECK THE FUNCTIONALITY OF LAPTOPS AND NOTEBOOKS IN WINDOWS**

### **OPTION:-**

```
w.findElement(By.linkText("Windows (0)")).click();
// w.findElement(By.className("dropdown open")).click();
w.findElement(By.xpath("//*[@id='column-left']/div[1]/a[4]")).click();
```

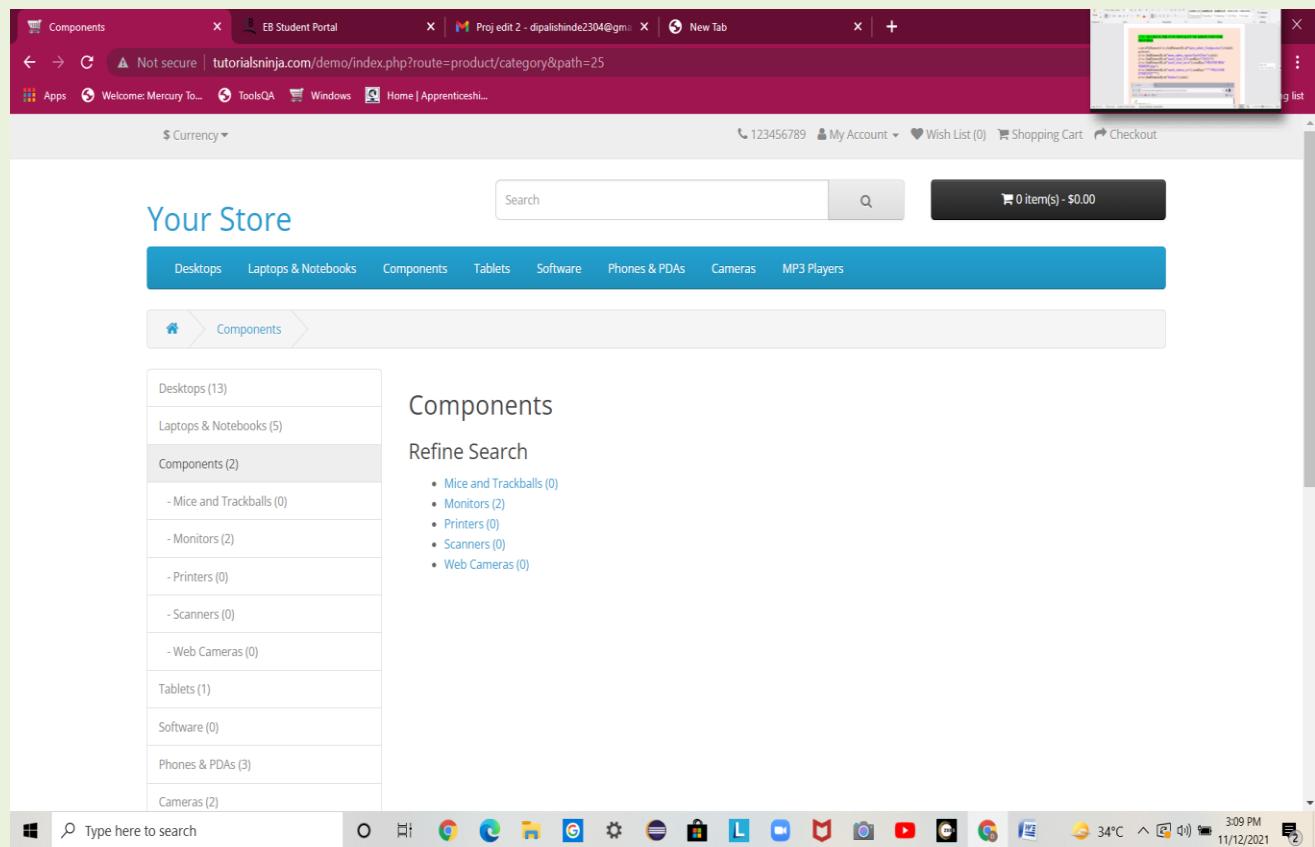


## **TC22:- TO CHECK THE FUNCTIONALITY OF SEARCH**

### **BUTTON FOR COMPONENTS OPTION:-**

```
System.setProperty("webdriver.chrome.driver",
"C:\\\\Users\\\\JANNAT\\\\Desktop\\\\SELENIUM\\\\chromedriver.exe");
WebDriver w=new ChromeDriver();
w.get("http://tutorialsninja.com/demo");
w.manage().window().maximize();

w.findElement(By.linkText("Components")).click();
w.findElement(By.xpath("//*[@id='menu']/div[2]/ul/li[3]/a")).click();
w.findElement(By.id("list-view")).click();
```



## **TC23:- TO CHECK THE FUNCTIONALITY OF SEARCH**

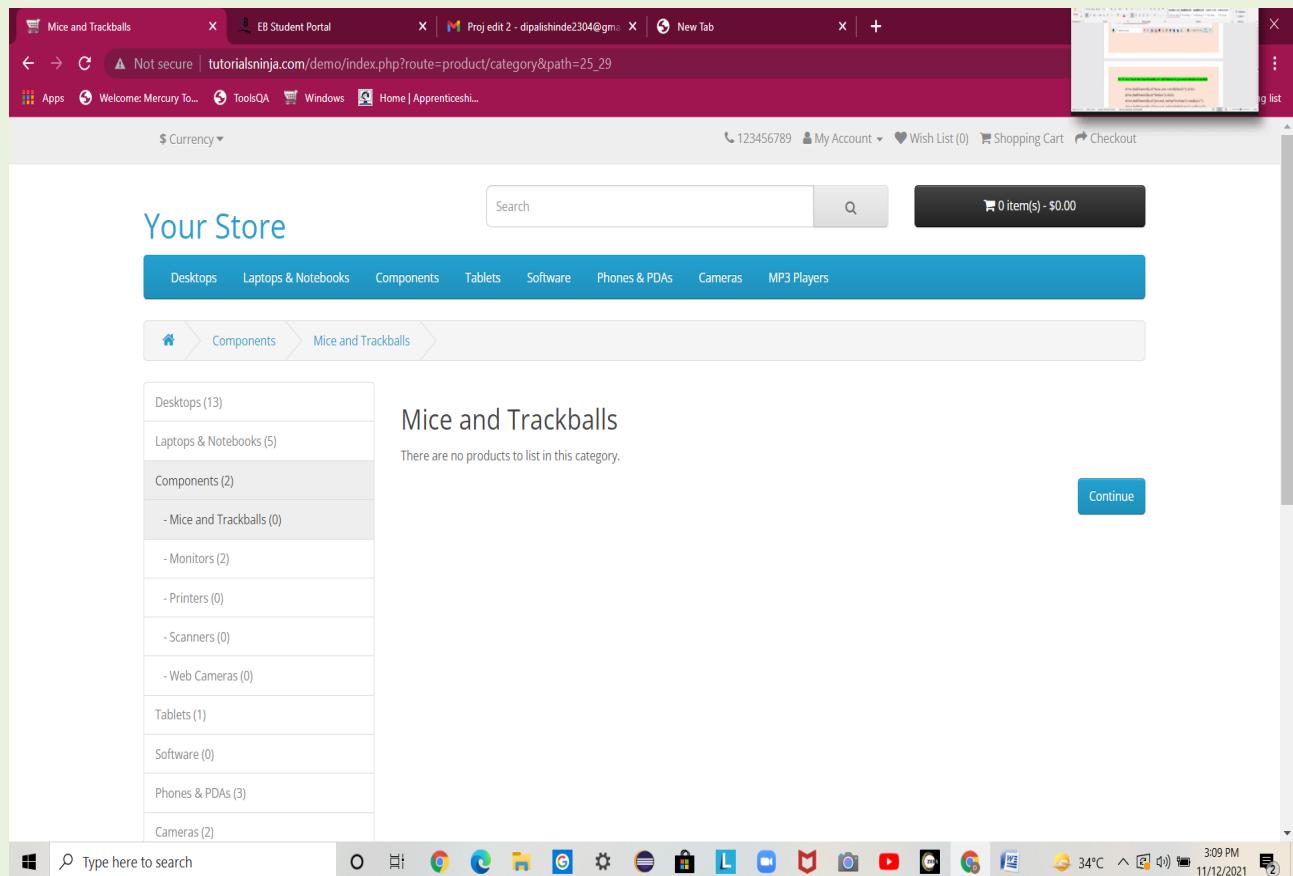
**BUTTON FOR COMPONENTS MAC AND**

**TRACKBALL OPTION:-**

// MICE AND TRACKBALLS:-

```
w.findElement(By.linkText("Mice and Trackballs (0)").click();  
// w.findElement(By.className("dropdown open")).click();
```

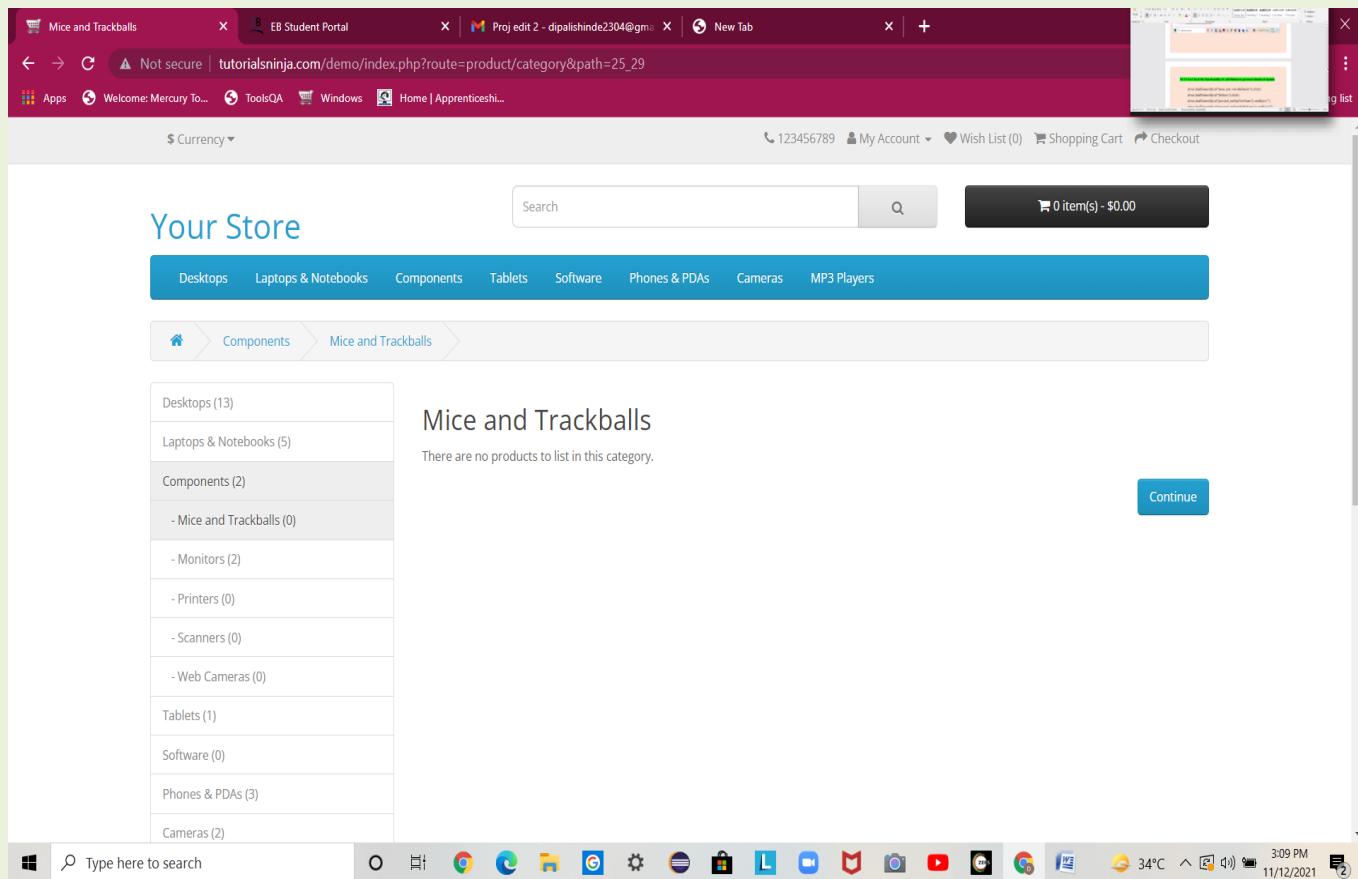
```
w.findElement(By.xpath("//*[@id='menu']/div[2]/ul/li[3]  
/div/div/ul/li[1]/a")).click();
```



## **TC24:- TO CHECK THE FUNCTIONALITY OF SEARCH**

**BUTTON FOR COMPONENTS MAC AND  
TRACKBALL CONTINUE OPTION:-**

```
w.findElement(By.linkText("Continue")).click();
w.findElement(By.xpath("//*[@id='content']/div/div/a")).click();
```

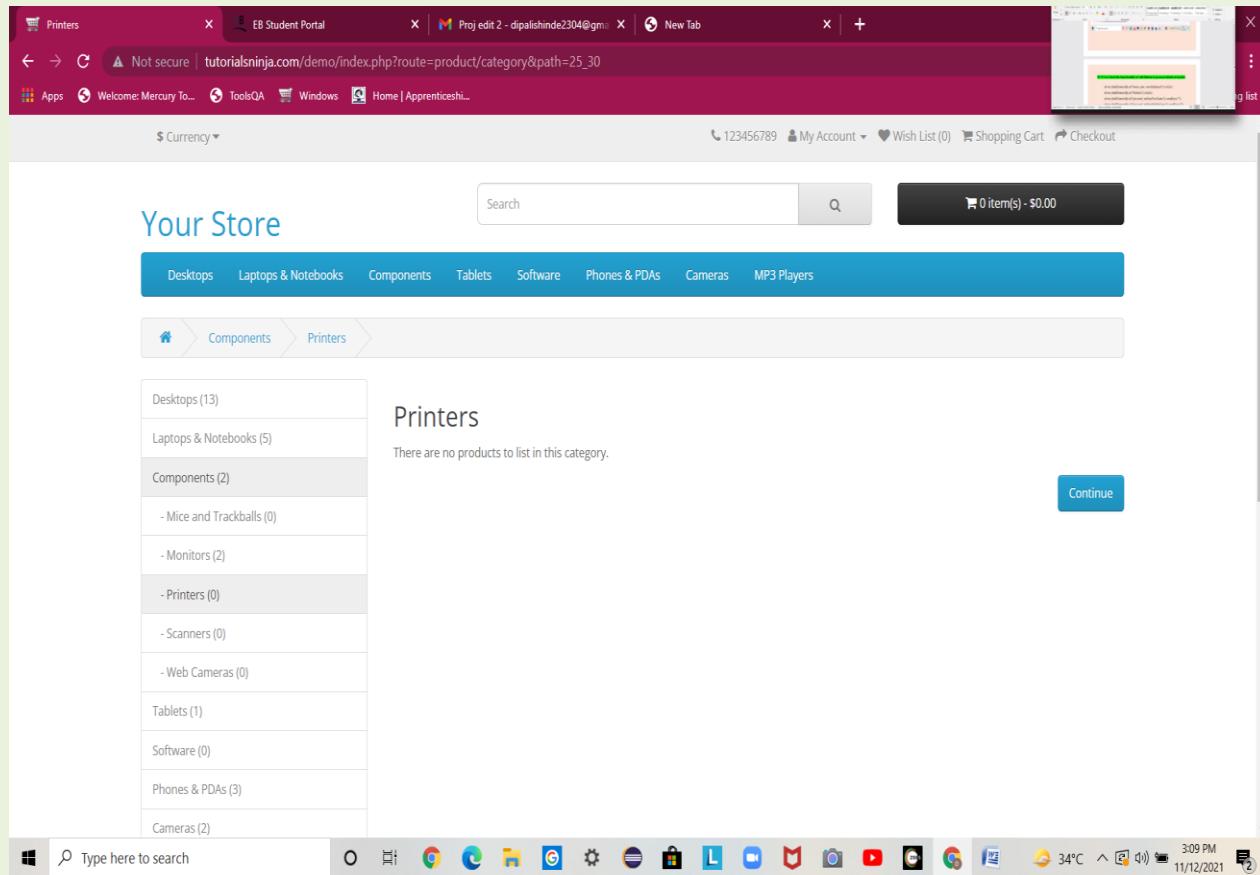


## **TC25:- TO CHECK THE FUNCTIONALITY OF SEARCH**

### **BUTTON FOR COMPONENTS PRINTER OPTION:-**

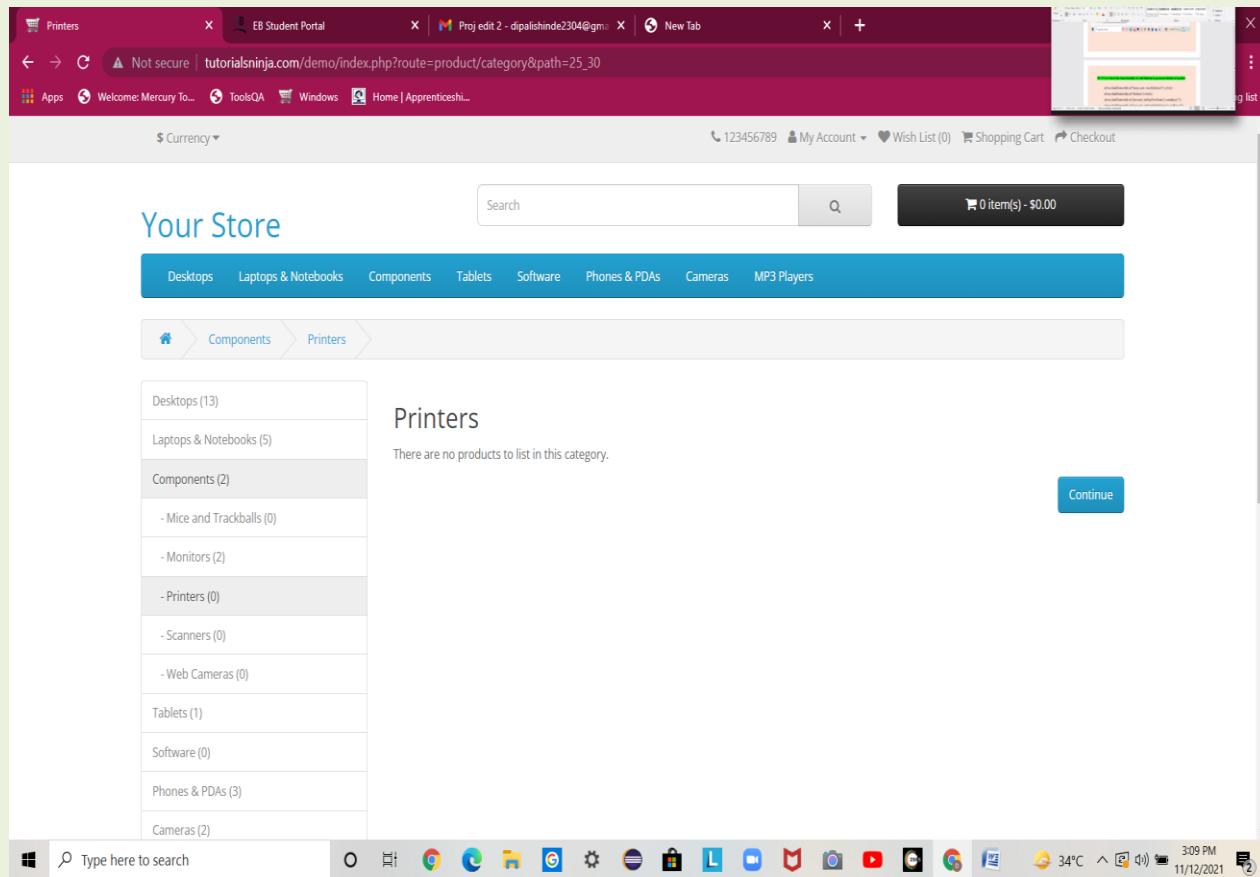
/// Printers:-

```
w.findElement(By.linkText("Printers (0)").click();
w.findElement(By.xpath("//*[@id='menu']/div[2]/ul/li[3]
/div/div/ul/li[3]/a")).click();
```



**TC26:-- TO CHECK THE FUNCTIONALITY OF  
SEARCH BUTTON FOR COMPONENTS PRINTER  
CONTINUE OPTION:-**

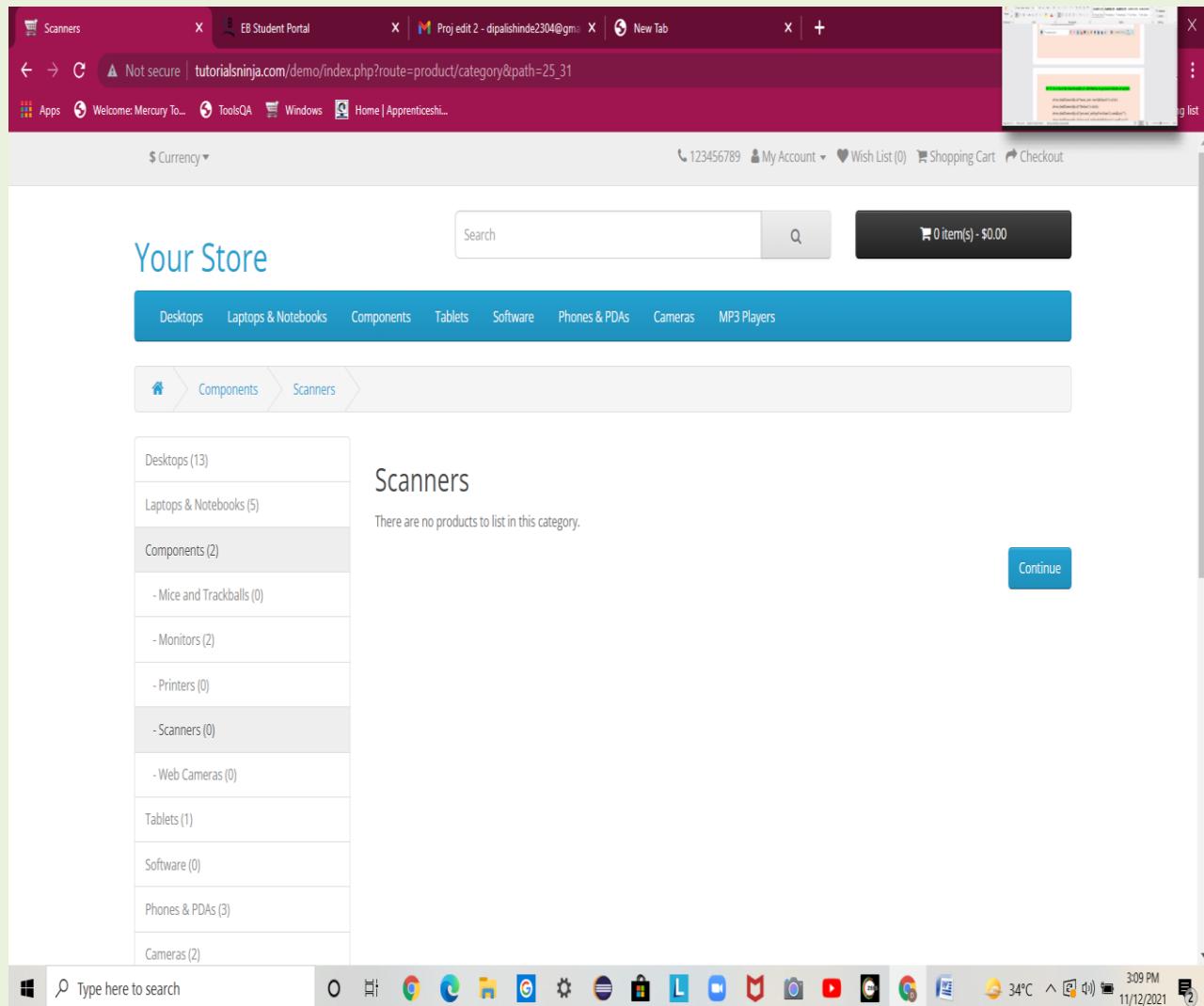
```
w.findElement(By.linkText("Continue")).click();  
w.findElement(By.xpath("//*[@id='content']/div/div/a")).click();
```



## **TC27:- TO CHECK THE FUNCTIONALITY OF SEARCH**

### **BUTTON FOR COMPONENTS SCANNER OPTION:-**

```
w.findElement(By.linkText("Scanners (0)")).click();
w.findElement(By.xpath("//*[@id='menu']/div[2]/ul/li[3]/div/div/ul/li[4]/a")).click();
```

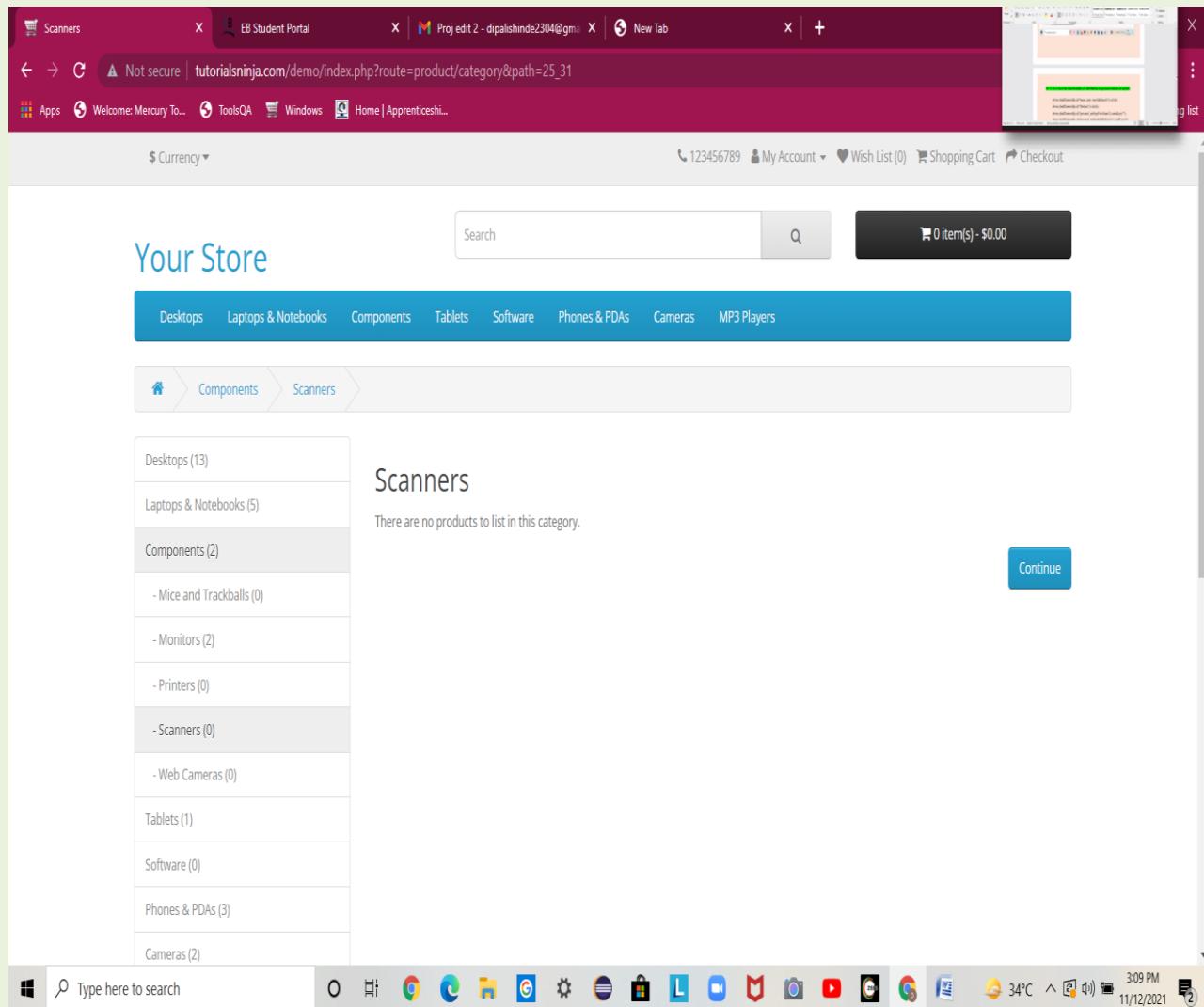


## **TC28:- TO CHECK THE FUNCTIONALITY OF SEARCH**

### **BUTTON FOR COMPONENTS SCANNER**

#### **CONTINUE OPTION:-**

```
w.findElement(By.linkText("Continue")).click();
w.findElement(By.xpath("//*[@id='content']/div/div/a")).click();
```

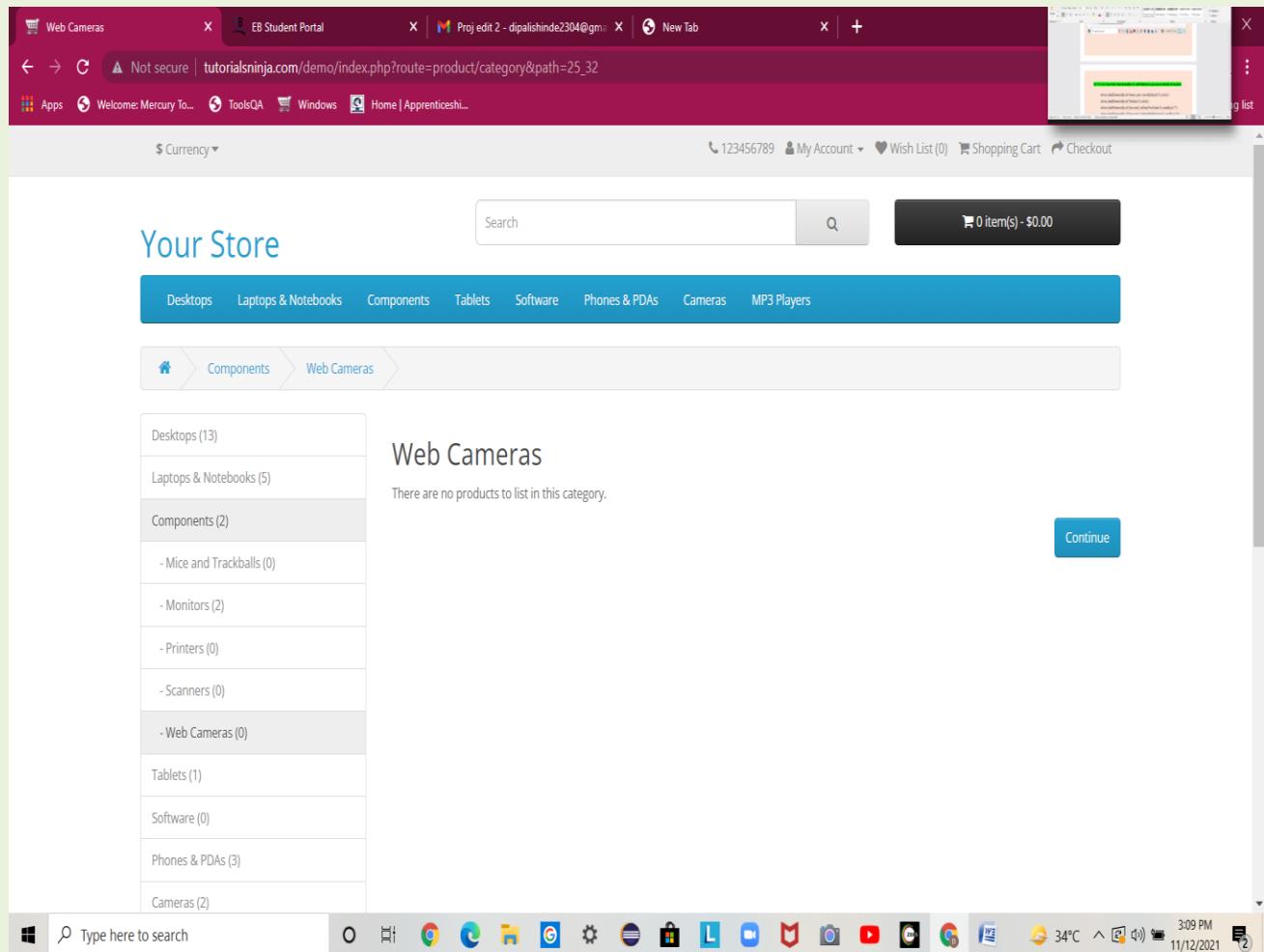


## **TC29:- TO CHECK THE FUNCTIONALITY OF SEARCH**

### **BUTTON FOR COMPONENTS WEBCAMERA**

**OPTION:-**

```
w.findElement(By.linkText("Web Cameras (0)")).click();
w.findElement(By.xpath("//*[@id='menu']/div[2]/ul/li[3]/div/div/ul/li[5]/a")).click();
```

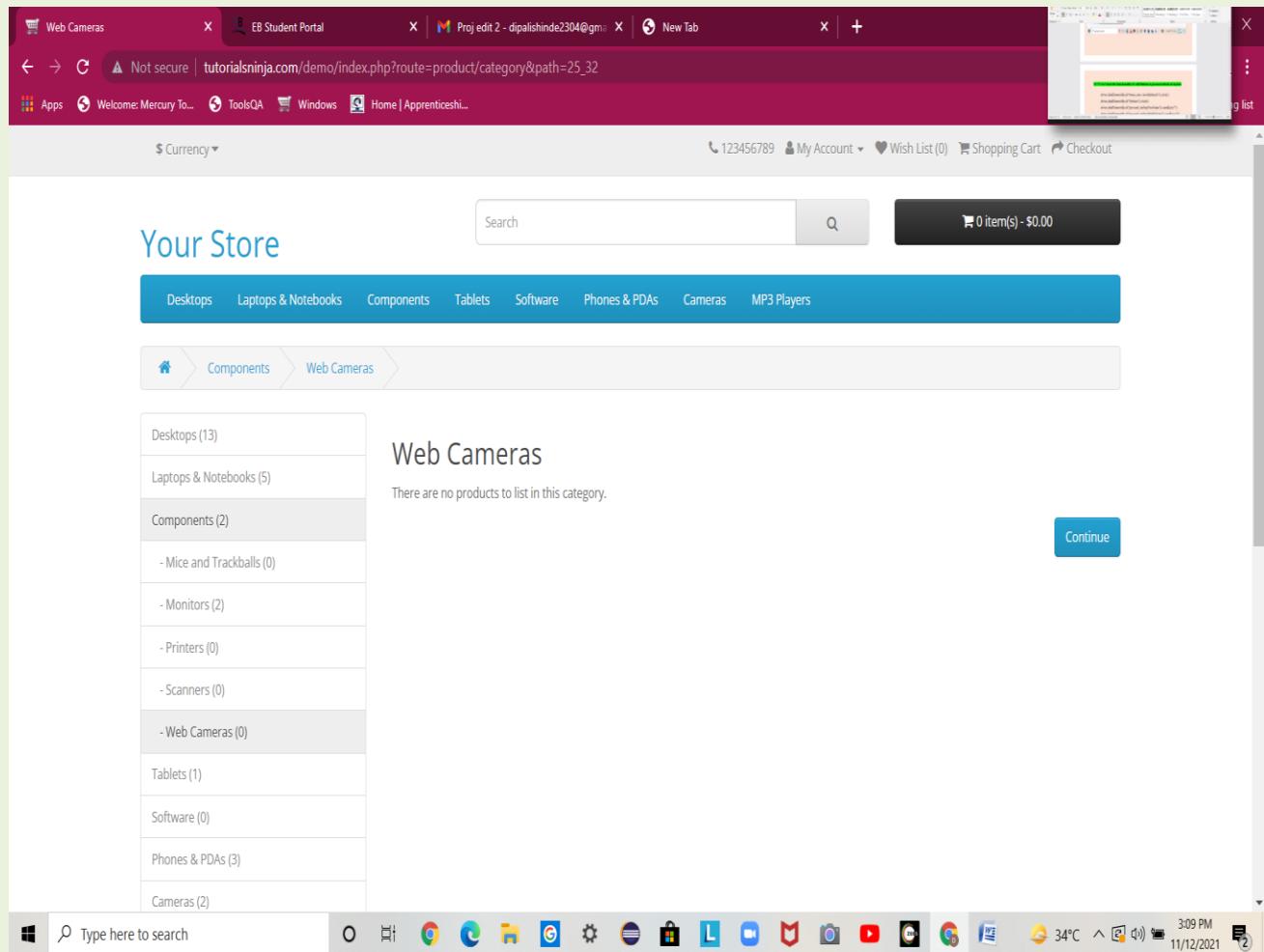


## **TC30:- TO CHECK THE FUNCTIONALITY OF SEARCH**

### **BUTTON FOR COMPONENTS WEBCAMERA**

#### **CONTINUE OPTION:-**

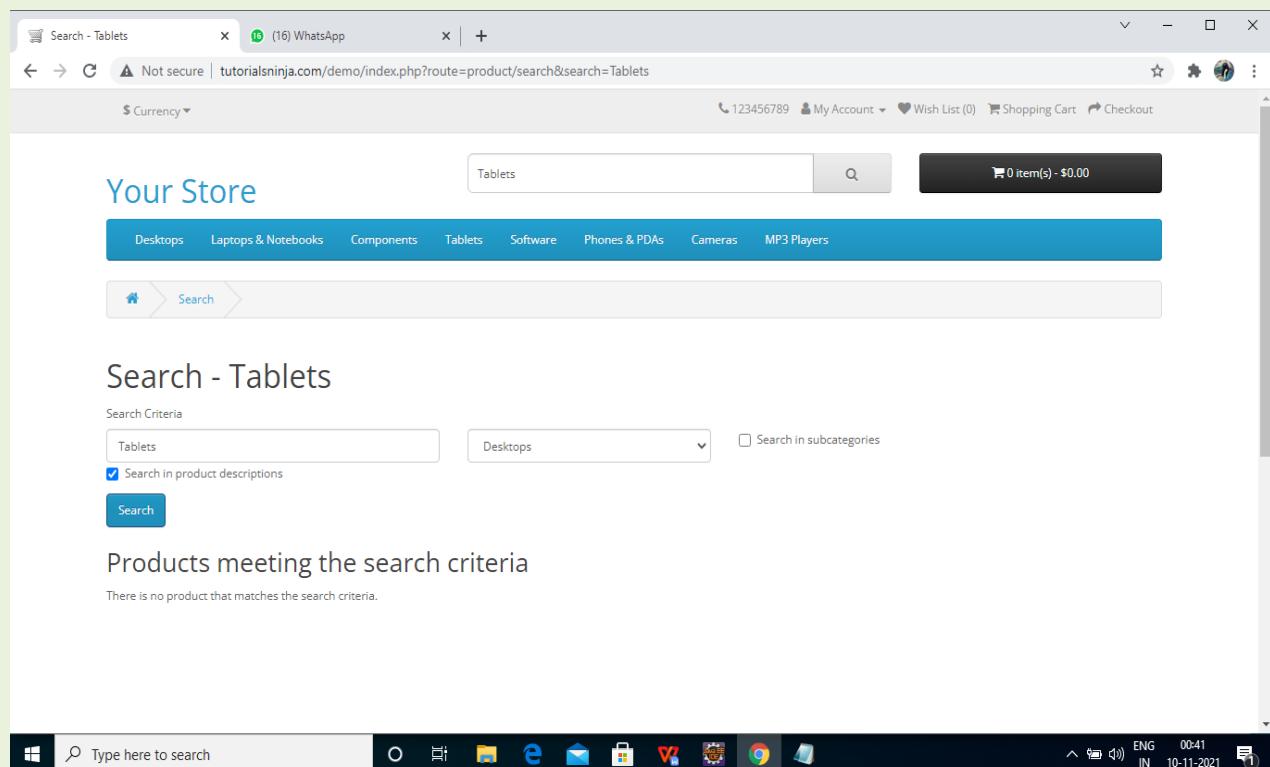
```
w.findElement(By.linkText("Continue")).click();
w.findElement(By.xpath("//*[@id='content']/div/div/a")).click();
```



## **TC31:- TO CHECK THE FUNCTIONALITY OF SEARCH**

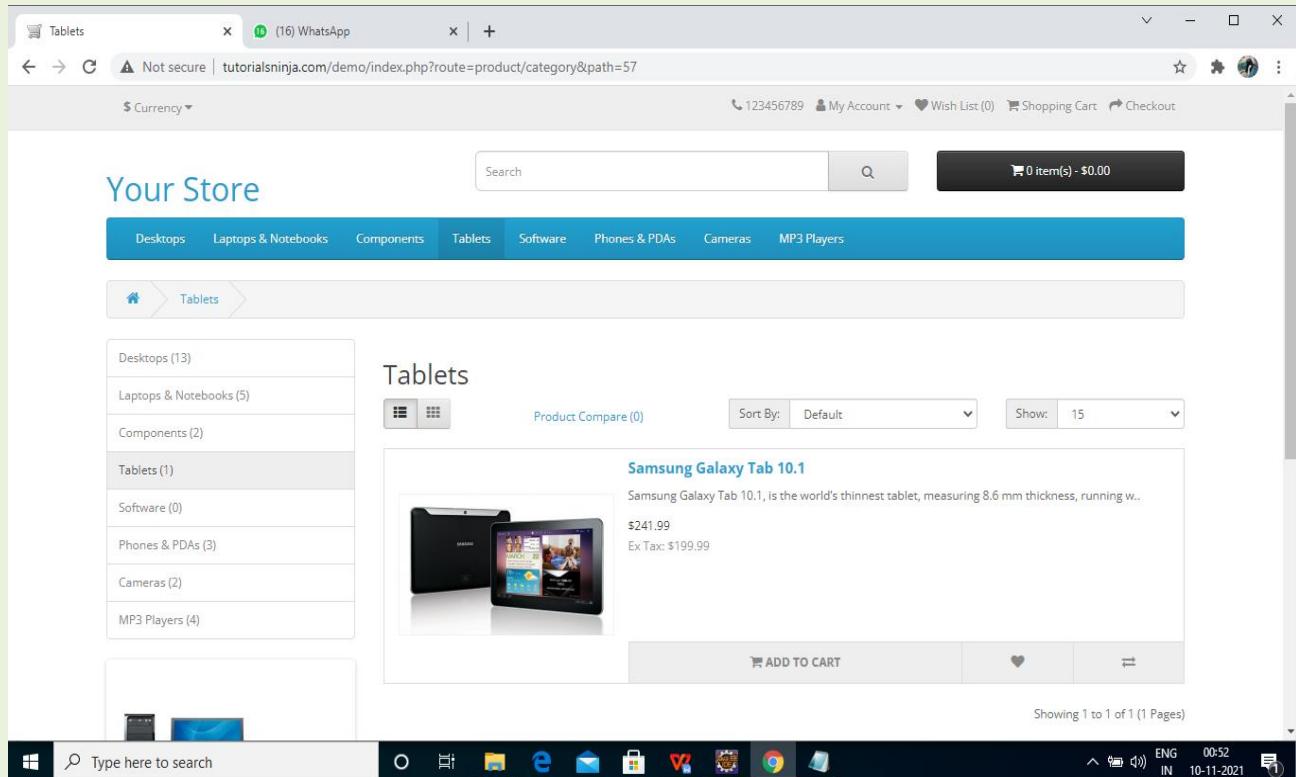
### **BUTTON OF TABLET PAGE**

```
Selects5=newSelect(w.findElement(By.xpath("//html/div[2]/div[1]/div[1]/div[1]/div[2]/select[1]")));
s5.selectByVisibleText("Desktops");
w.findElement(By.id("description")).click();
w.findElement(By.id("button-search")).click();
```



## TC32:-TO CHECK THE FUNCTIONALITY OF TABLET OF HOMEPAGE

`w.findElement(By.linkText("Tablets")).click();`



## **TC33- TO CHECK THE FUNCTIONALITY OF ADD TO CART BUTTON OF TABLET PAGE**

```
w.findElement(By.xpath("/html[1]/body[1]/div[2]/div[1]/div[1]/  
div[1]/div[1]/div[1]/button[2]'')).click();  
  
Thread.sleep(2000);  
  
w.findElement(By.id("list-view")).click();  
  
Select s1=new Select(w.findElement(By.id("input-sort")));  
  
s1.selectByVisibleText("Name (Z - A)");  
  
Select s2=new Select(w.findElement(By.id("input-limit")));  
  
s2.selectByIndex(2);  
  
w.findElement(By.xpath("//*[@id=\\"content\\"]/div[2]/div/div/  
div[2]/div[2]/button[1]'')).click();  
  
Thread.sleep(2000);
```

Tablets (16) WhatsApp

Not secure | tutorialsninja.com/demo/index.php?route=product/category&path=57&sort=pd.name&order=DESC&limit=50

Currency ▾ 123456789 My Account Wish List (0) Shopping Cart Checkout

# Your Store

Search

0 item(s) - \$0.00

Desktops Laptops & Notebooks Components Tablets Software Phones & PDAs Cameras MP3 Players

Home Tablets

Desktops (13)  
Laptops & Notebooks (5)  
Components (2)  
Tablets (1)  
Software (0)  
Phones & PDAs (3)  
Cameras (2)  
MP3 Players (4)

Tablets

Product Compare (0) Sort By: Name (Z - A) Show: 50

Samsung Galaxy Tab 10.1

Samsung Galaxy Tab 10.1, is the world's thinnest tablet, measuring 8.6 mm thickness, running w..  
\$241.99  
Ex Tax: \$199.99

ADD TO CART

Showing 1 to 1 of 1 (1 Pages)

Type here to search

Windows Start button

Taskbar icons: File Explorer, Internet Explorer, Mail, Photos, Movie & TV, Games, Google Chrome, Microsoft Edge, File History, Task View, Task Manager.

System tray: ENG IN 01:19 10-11-2021

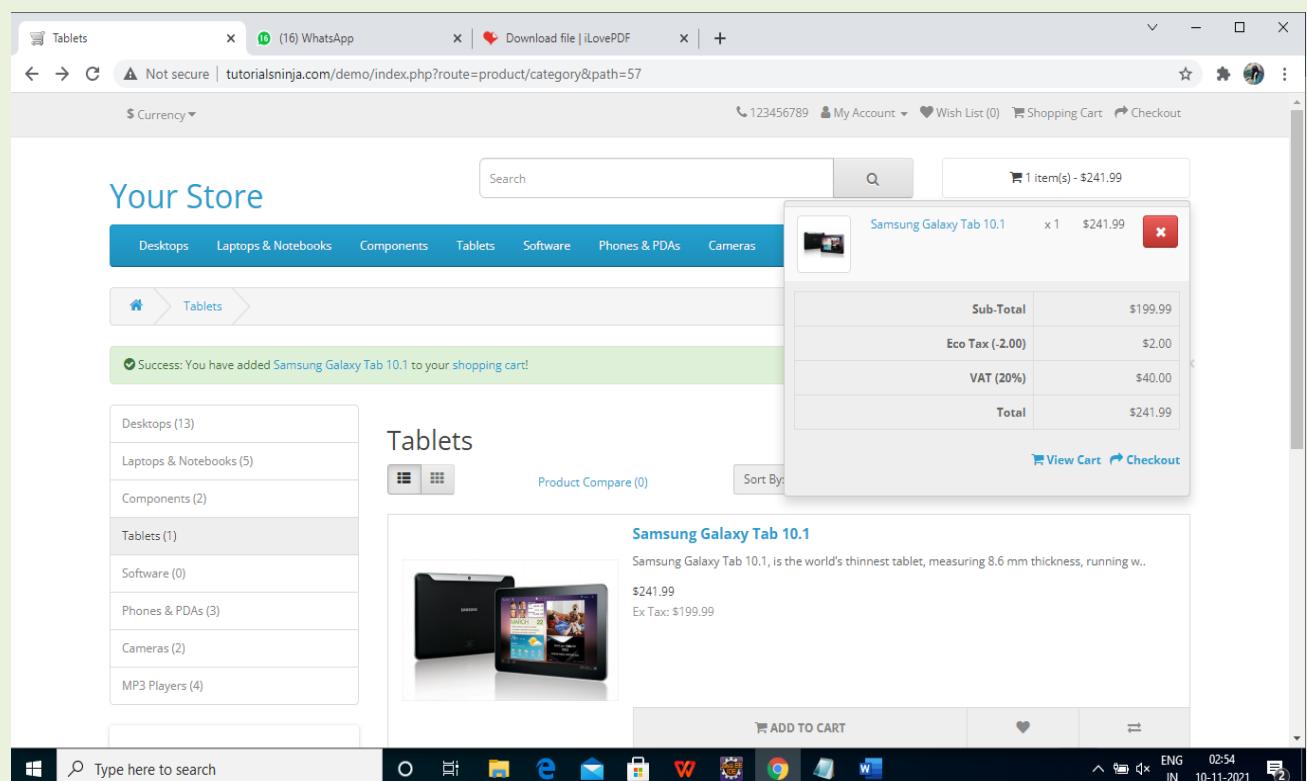
## TC34:- TO CHECK THE FUNCTIONALITY OF ITEM BUTTON OF HOME

### PAGE

*Thread.sleep(2000);*

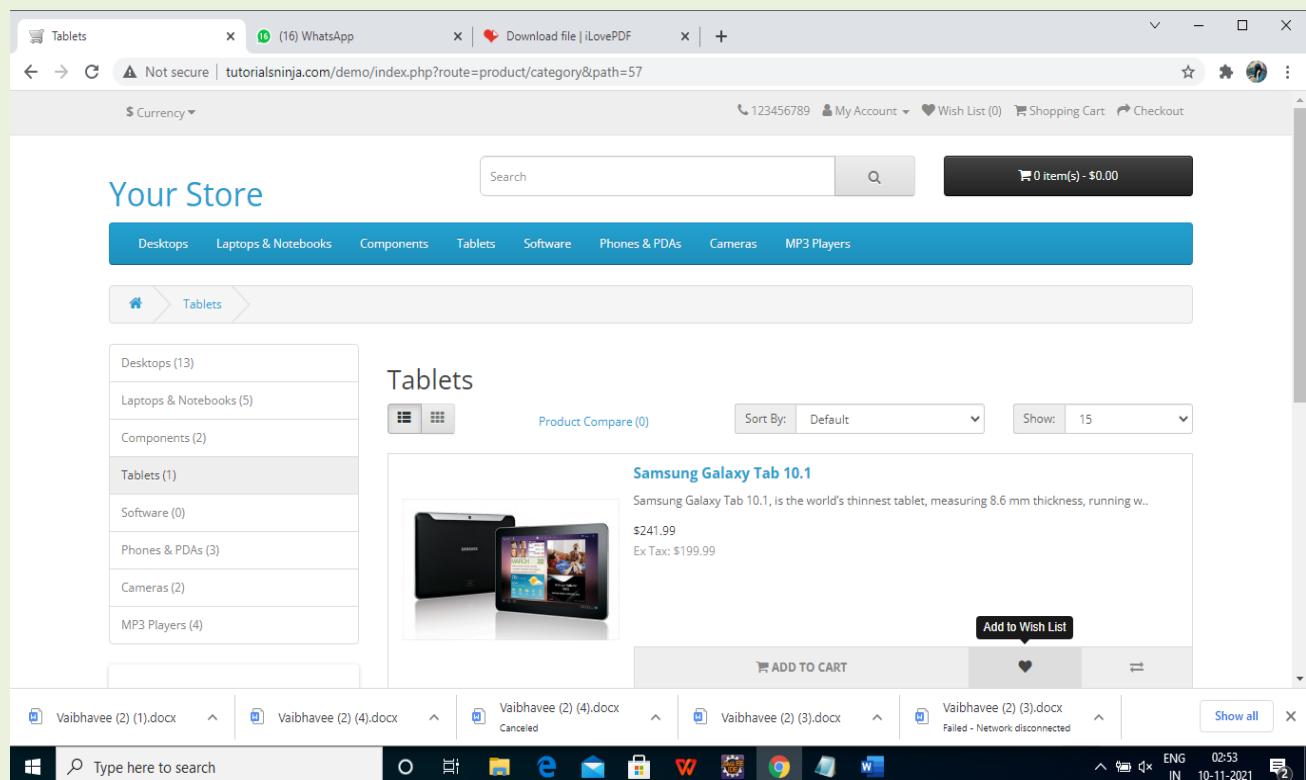
*w.findElement(By.xpath("//\*[@id='cart']/button")).click();*

*Thread.sleep(2000);*



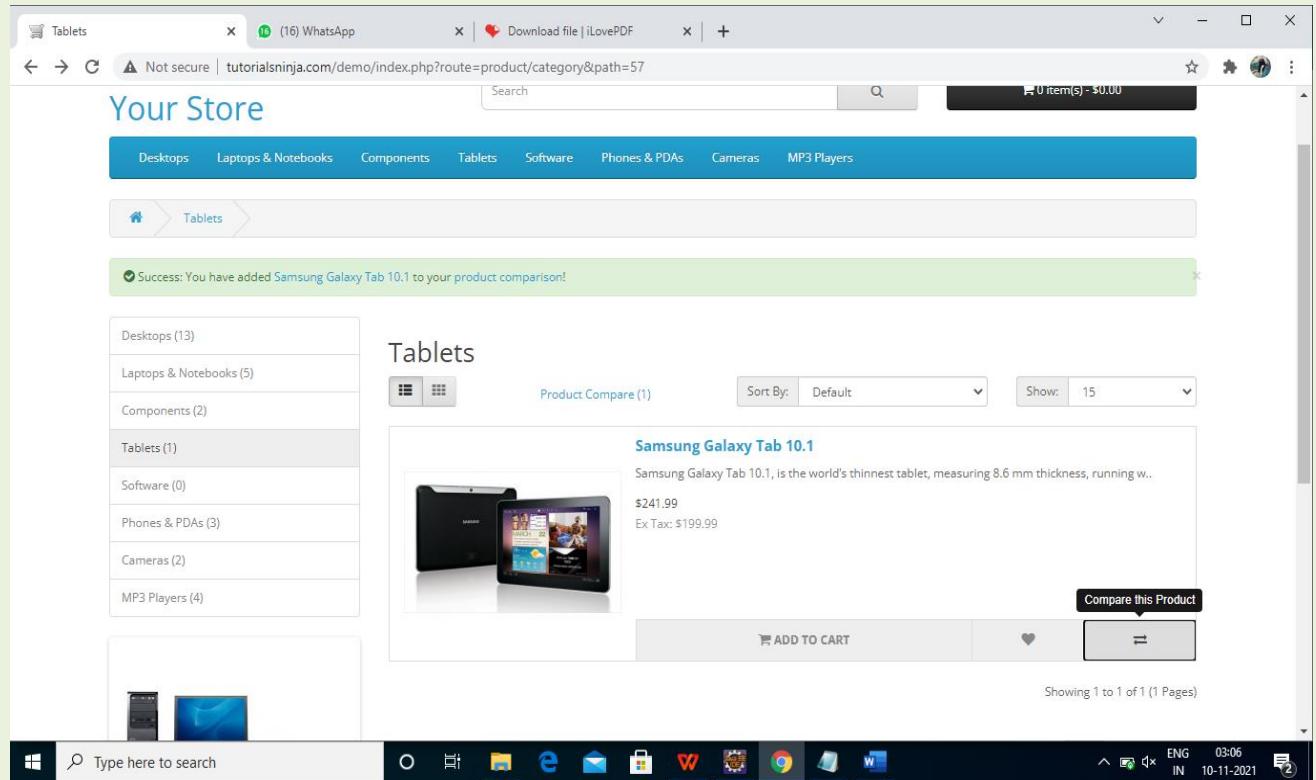
## TC35:- TO CHECK THE FUNCTIONALITY OF ADD OF WISH LIST BUTTON OF TABLETS PAGE:

```
w.findElement(By.xpath("//*[@id='content']/div[2]/div/div/div[2]/div[2]/button[2]")).click(); //add to wish List
```



**TC36:- TO CHECK THE FUNCTIONALITY OF ADD TO COMPARE BUTTON OF TABLET PAGE:**

```
w.findElement(By.xpath("//*[@id='content']/div[2]/div/div/div[2]/div[2]/button[3]")).click(); //compare
```

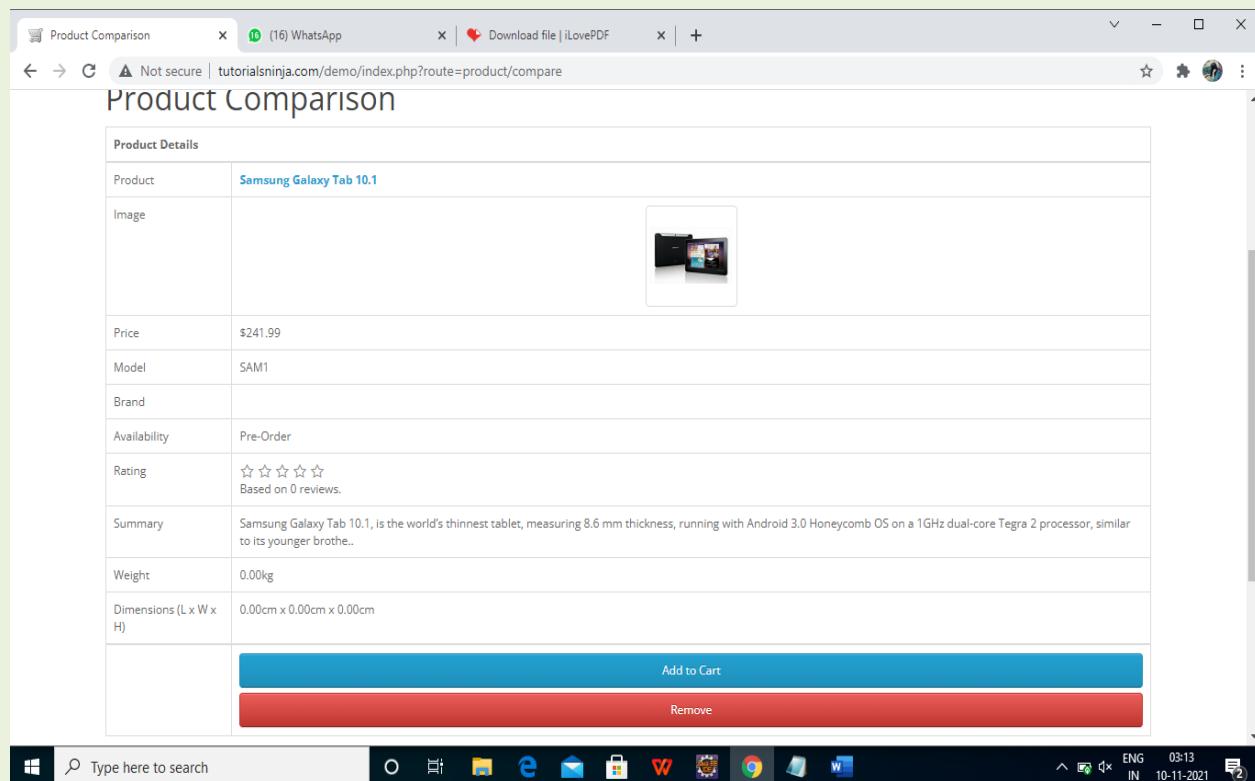


## TC37:- TO CHECK THE FUNCTIONALITY OF PRODUCT COMPARISON

### BUTTON OF TABLETS PAGE:-

```
w.findElement(By.id("compare-total")).click();
```

```
Thread.sleep(3000);
```



## TC38:- TO CHECK THE FUNCTIONALITY OF REMOVE BUTTON OF COMPARISION PAGE:-

w.findElement(By.linkText("Remove")).click();

The screenshot shows a web browser window titled "Product Comparison" with the URL "tutorialsninja.com/demo/index.php?route=product/compare". The page content includes a table with product details:

Brand	
Availability	Pre-Order
Rating	☆☆☆☆ Based on 0 reviews.
Summary	Samsung Galaxy Tab 10.1, is the world's thinnest tablet, measuring 8.6 mm thickness, running with Android 3.0 Honeycomb OS on a 1GHz dual-core Tegra 2 processor, similar to its younger brother.
Weight	0.00kg
Dimensions (L x W x H)	0.00cm x 0.00cm x 0.00cm

Below the table are two buttons: "Add to Cart" (blue) and "Remove" (red).

Below the browser window is a screenshot of a Windows taskbar. The taskbar shows the following icons from left to right: Start button, File Explorer, Task View, Edge browser, Mail, Photos, OneDrive, Word, Excel, Site Map (highlighted in yellow), Chrome, and another instance of Chrome. The system tray shows the date and time as "10-11-2021 05:41" and language as "ENG IN".

## TC39:-TO CHECK THE FUNCTIONALITY OF CONTINUE BUTTON OF PRODUCT COMPARISION

w.findElement(By.xpath("//\*[@id='content']/div/div/a")).click();

