



# EduBridge

A project Report on

PIZZA HUT website using Automation tool Selenium

Webdriver with Java

By

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## **Introduction:**

This Project aims to do overall testing like functional testing, GUI testing on insurance website to check quality of application using selenium web driver. It helps to improve quality of website and saves time for manually doing this testing.

In this project our main focus is to test the Pizza Hut website. 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 and find any defect.

## **Software Requirements:**

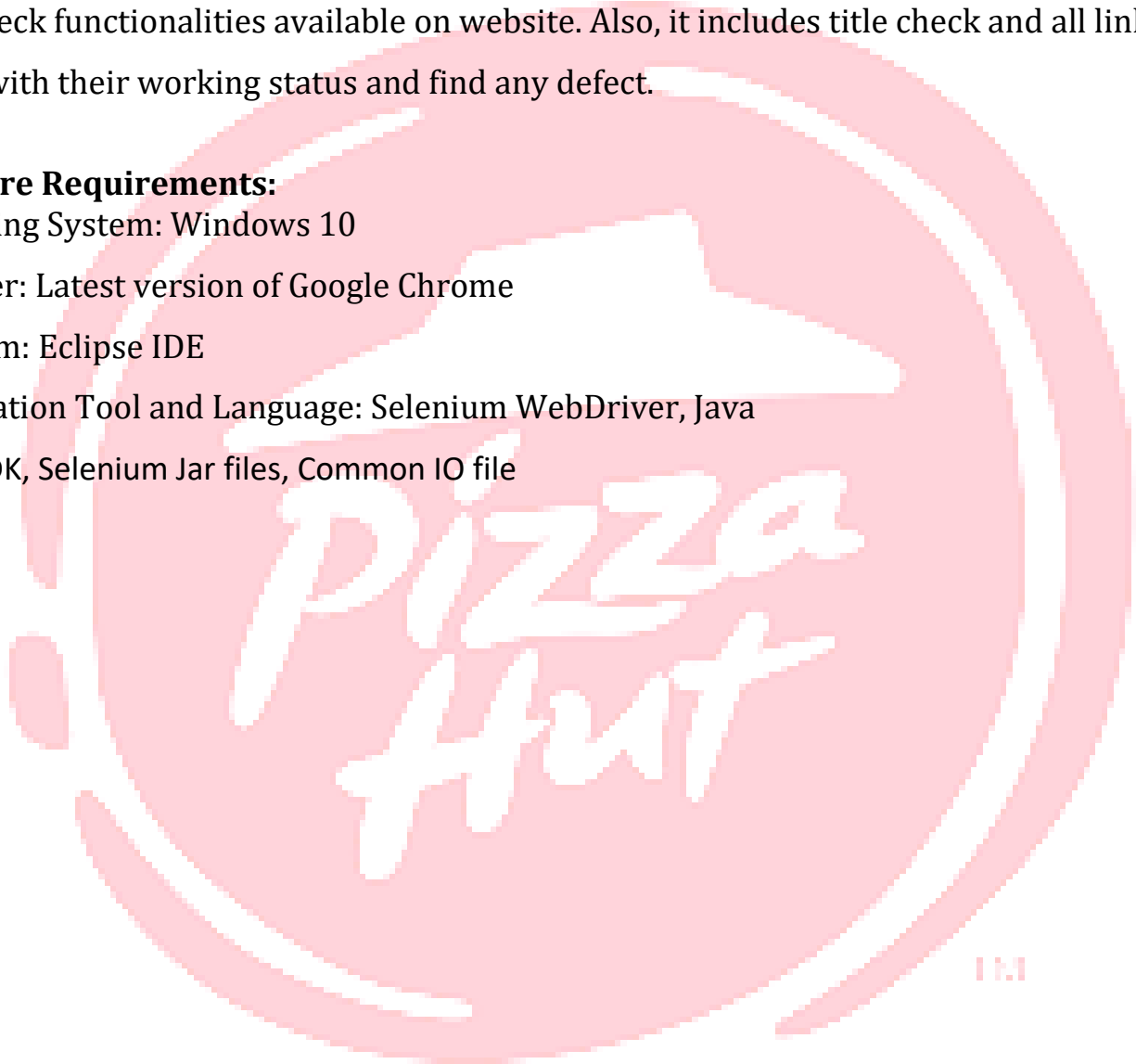
Operating System: Windows 10

Browser: Latest version of Google Chrome

Platform: Eclipse IDE

Automation Tool and Language: Selenium WebDriver, Java

Files: JDK, Selenium Jar files, Common IO file



- TC01 – Launch the browser and Open <https://www.pizzahut.co.in/>

```
System.setProperty("webdriver.chrome.driver", "C:\\\\Users\\\\dell\\\\Desktop\\\\Selenium  
Jar\\\\chromedriver_win32\\\\chromedriver.exe");
```

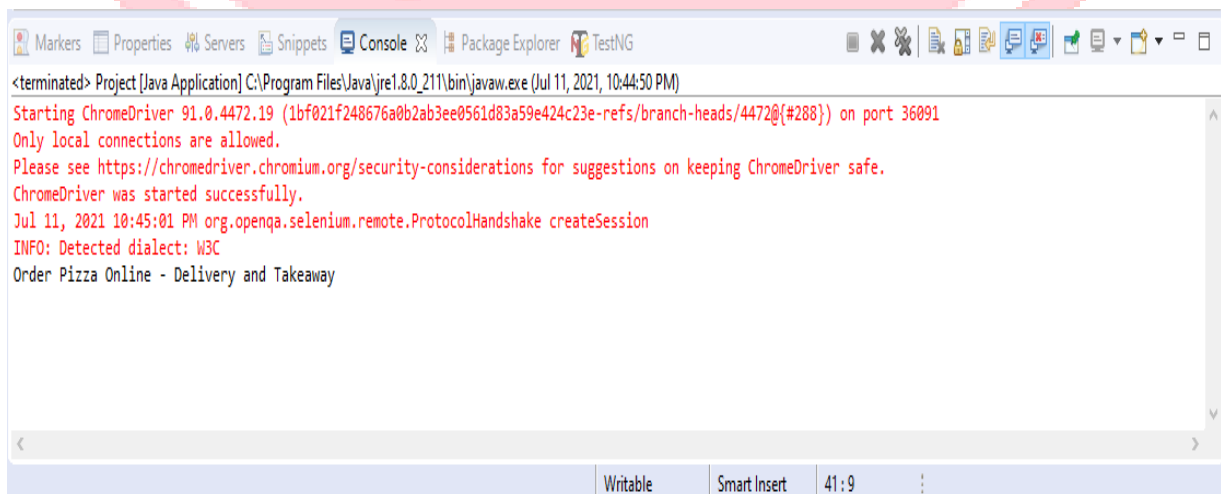
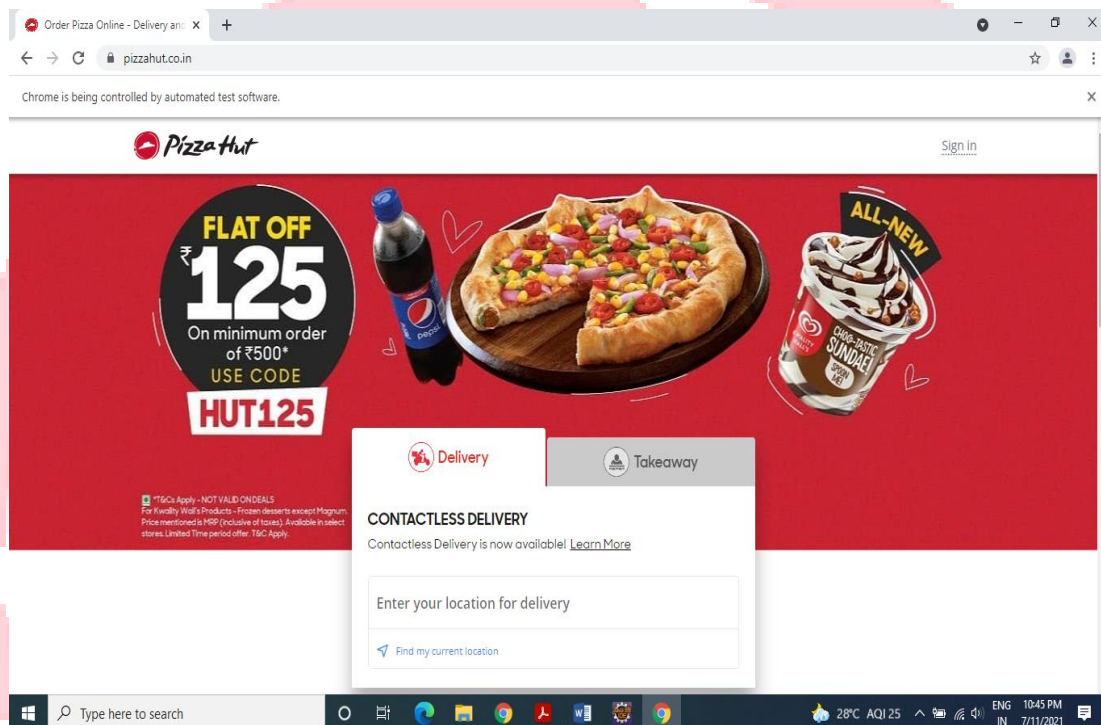
```
WebDriver w = new ChromeDriver();
```

```
Thread.sleep(1000); // add some delay
```

```
w.get("https://www.pizzahut.co.in/");
```

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

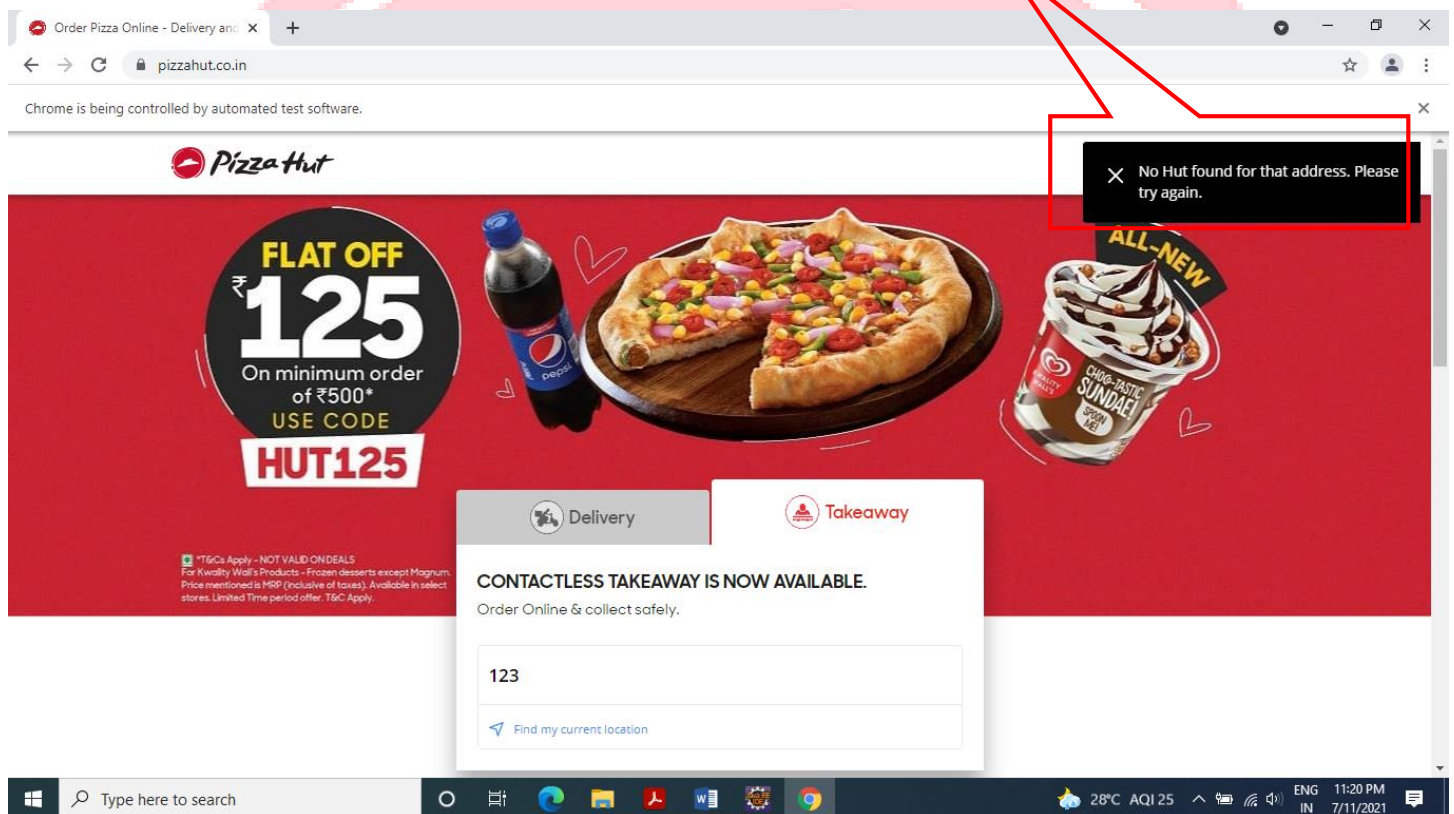
```
System.out.println(w.getTitle()); // Print Title of tab in console window
```



- TC02 – To check functionality of clickable of Delivery tab and Takeaway
- TC03 – Send pin number '123' in text box to check availability.

```
w.findElement(By.xpath("//body[1]/div[1]/div[1]/div[4]/div[1]/div[1]/div[1]/div[1]/div[2]/span[1]")).click();
WebElement textbox = w.findElement
(By.xpath("//body/div[@id='app']/div[1]/div[4]/div[1]/div[1]/div[1]/div[2]/form[1]/div[1]/div[1]/input[1]"));
textbox.sendKeys("123");
textbox.sendKeys(Keys.ENTER);
String s = textbox.findElement(By.xpath("//span[contains(text(),'No Hut found for that address. Please try again.')]")).getText();
System.out.println(s);
Thread.sleep(2000);
```

Print this message in console window

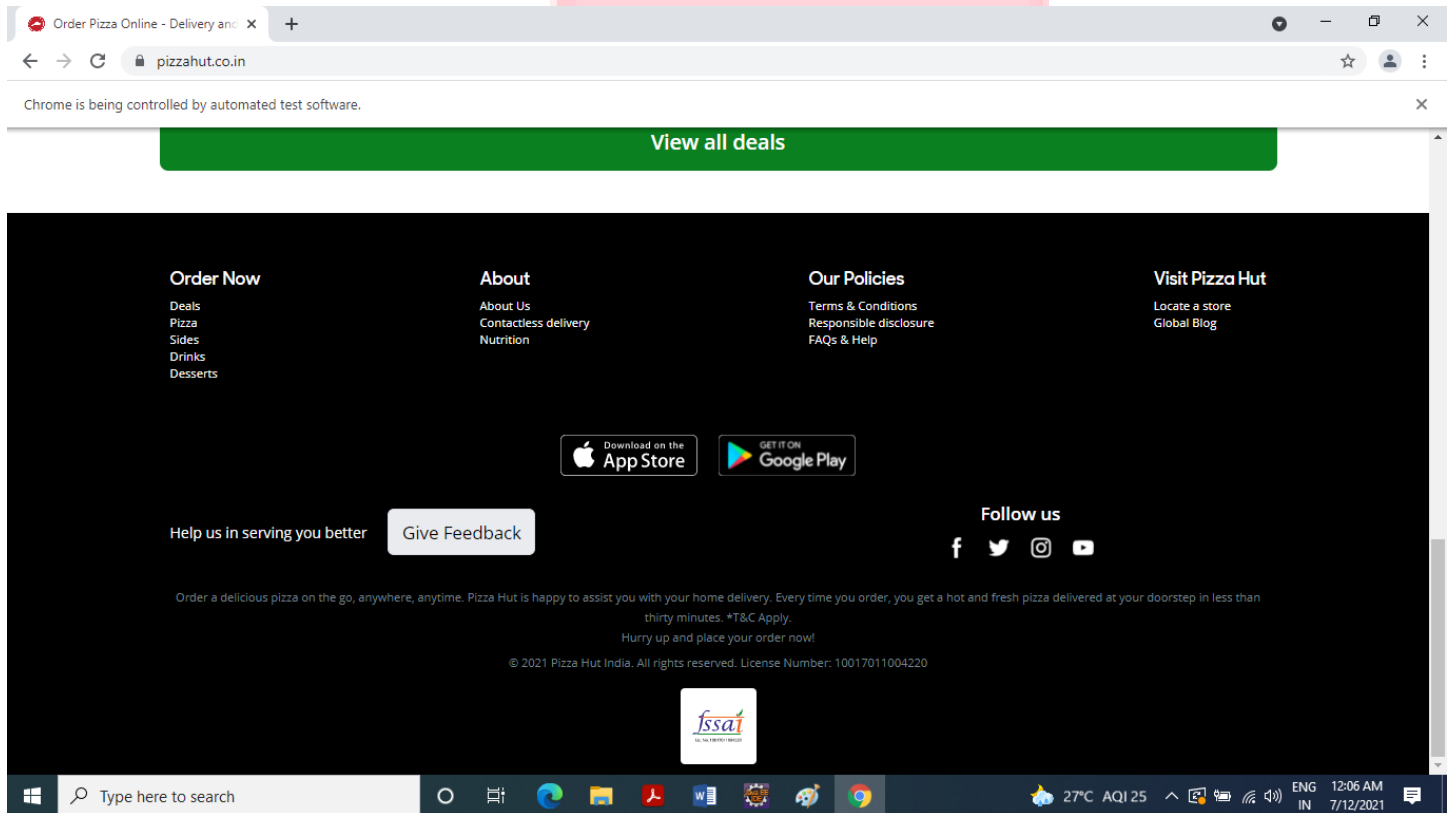


Markers Properties Servers Snippets Console Package Explorer TestNG

```
<terminated> Project [Java Application] C:\Program Files\Java\jre1.8.0_211\bin\javaw.exe (Jul 11, 2021, 11:20:25 PM)
Starting ChromeDriver 91.0.4472.19 (1bf021f248676a0b2ab3ee0561d83a59e424c23e-refs/branch-heads/4472@{#288}) on port 14470
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Jul 11, 2021 11:20:32 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: W3C
Order Pizza Online - Delivery and Takeaway
No Hut found for that address. Please try again.
```

- TC04 – To check functionality of scroll down tab

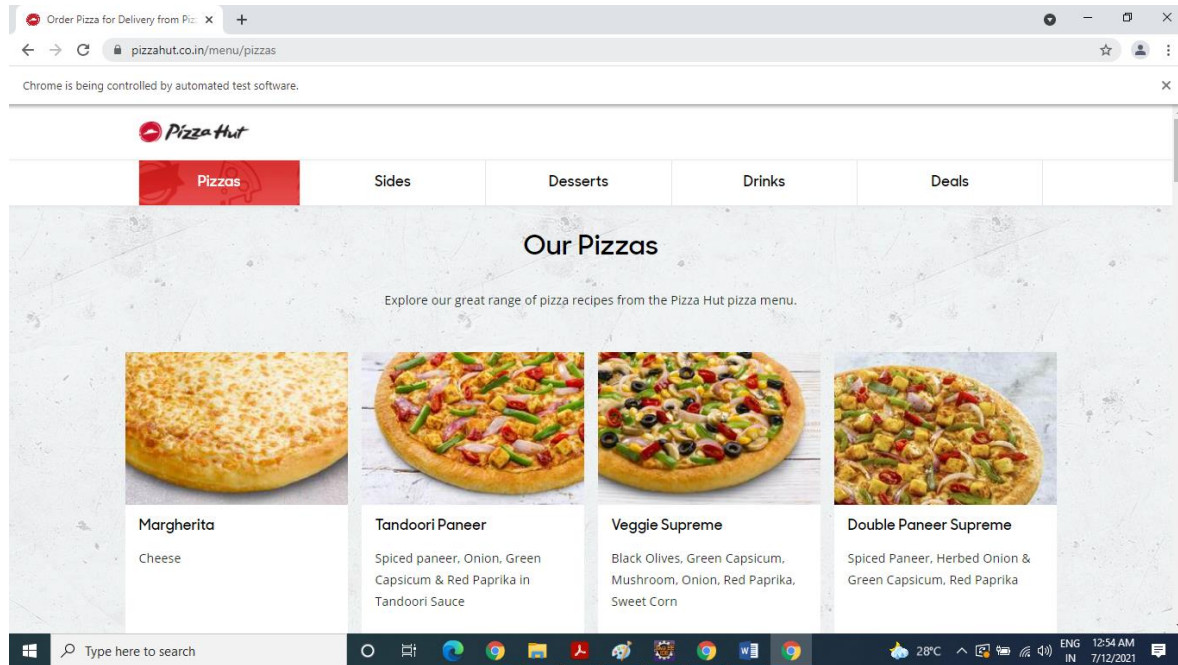
```
w.navigate().refresh();  
JavascriptExecutor js =(JavascriptExecutor) w;  
js.executeScript("window.scrollTo(0,3000)", ""); //scroll down window to bottom of webpage  
Thread.sleep(2000);
```



- TC05 – To check functionality of 'PIZZA' tab from bottom of page

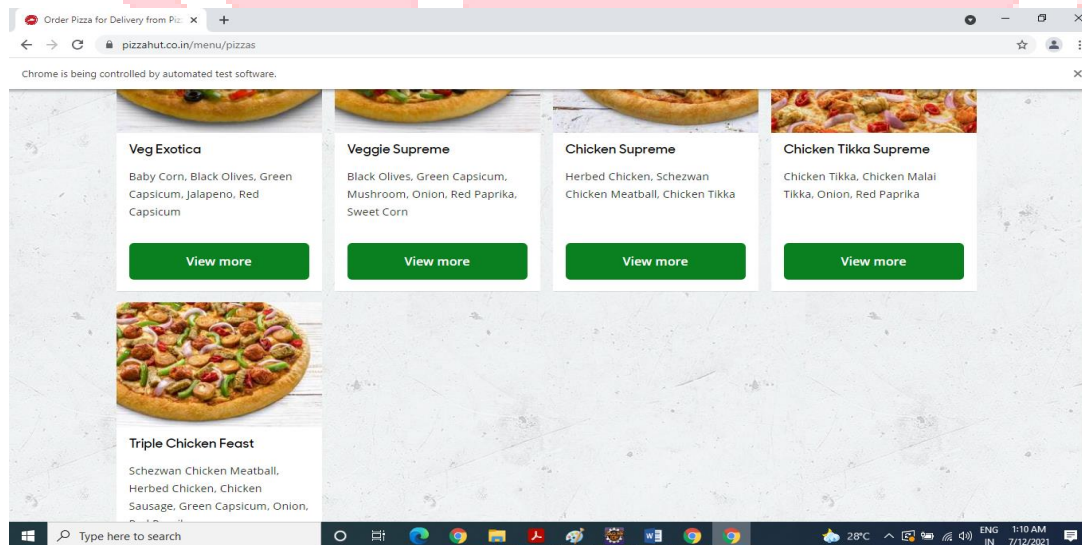
WebElement pizza =

```
w.findElement(By.xpath("//body[1]/div[1]/div[1]/div[6]/div[1]/div[1]/div[1]/div[1]/a[2]/span[1]/span[1]"));
pizza.click();
Thread.sleep(2000);
```



- TC06 – To check functionality of Scroll down to last item and up to top of webpage

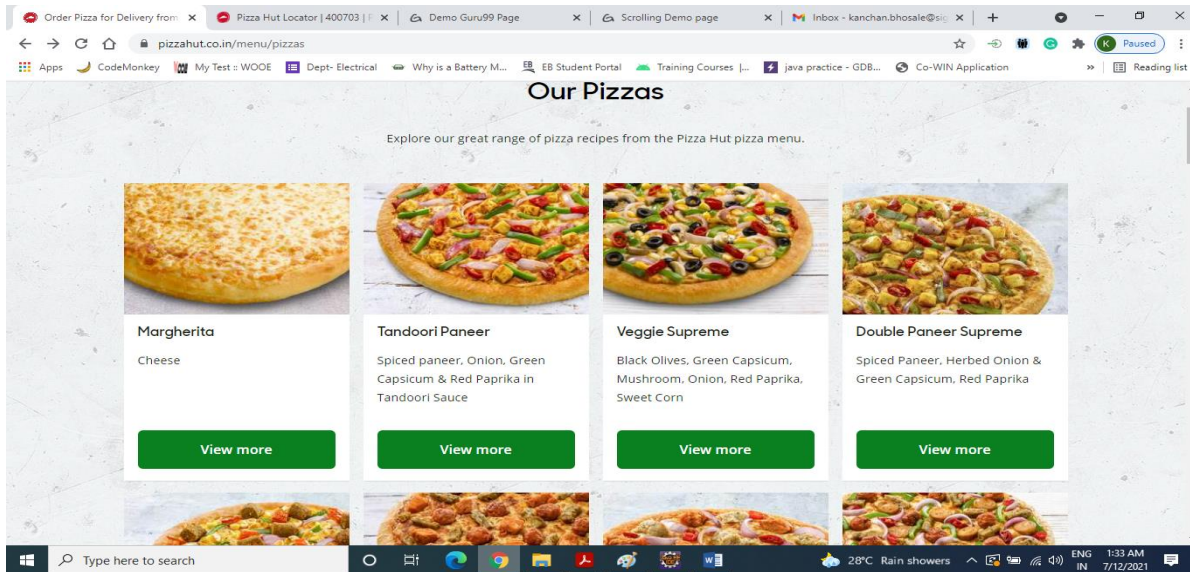
```
JavaScriptExecutor js00 =(JavaScriptExecutor) w;
js00.executeScript("window.scrollTo(0,3500)", ""); //scroll down window to bottom of webpage
Thread.sleep(2000);
JavaScriptExecutor js01 =(JavaScriptExecutor) w;
js01.executeScript("window.scrollTo(0,-4000)", ""); //scroll up window to top of webpage
Thread.sleep(2000);
```



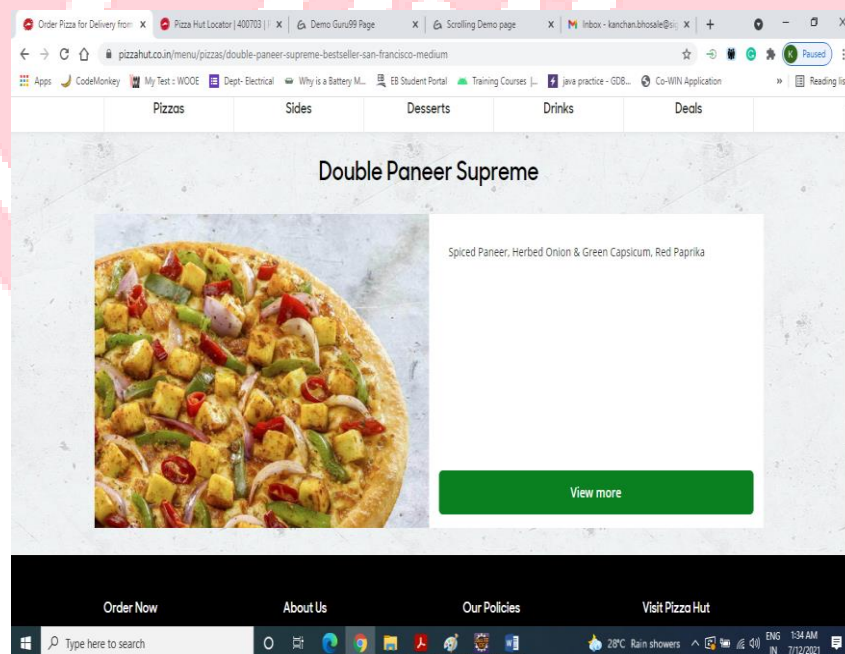


- TC07 – To check functionality of tab 'VIEW MORE' of Double Paneer Supreme

```
WebElement Double_Paneer_Supreme =
w.findElement(By.xpath("/html[1]/body[1]/div[1]/section[1]/section[1]/ol[1]/li[4]/a[1]/div[2]/p[1]"));
Double_Paneer_Supreme.click();
```



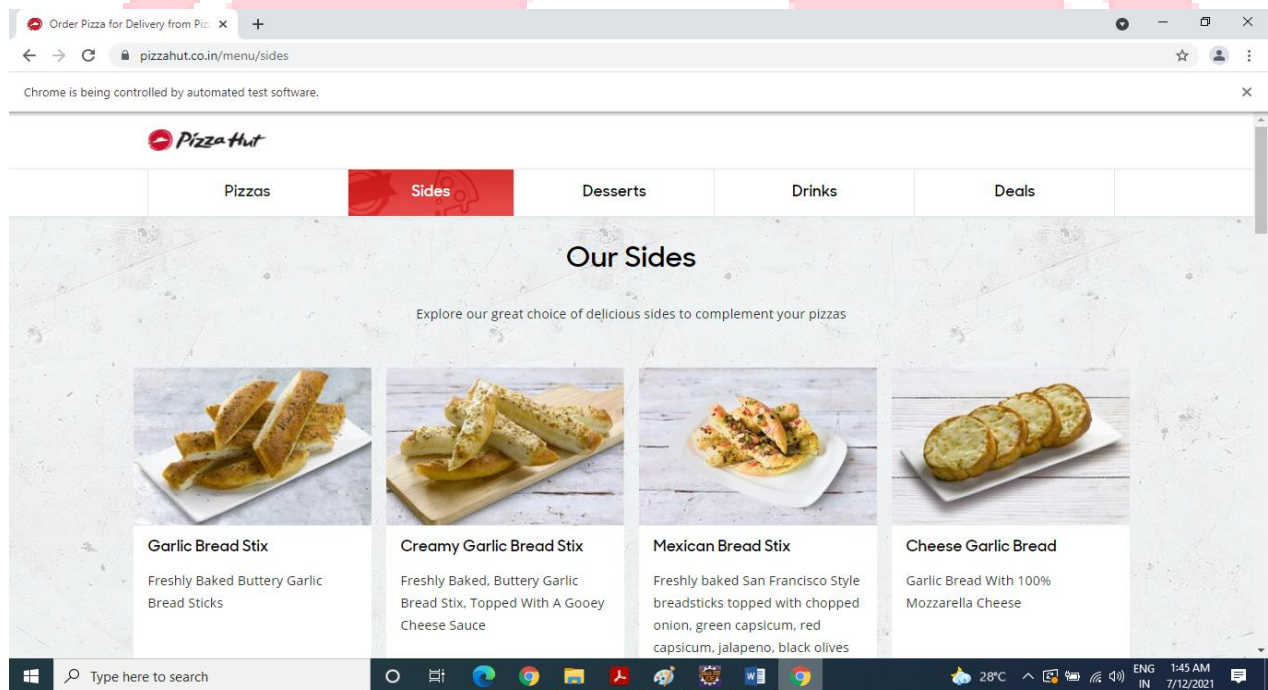
```
WebElement Double_Paneer_Supreme =
w.findElement(By.xpath("/html[1]/body[1]/div[1]/section[1]/section[1]/ol[1]/li[4]/a[1]/div[2]/p[1]"));
Double_Paneer_Supreme.click();
System.out.println(w.findElement(By.xpath("//p[contains(text(),'Spiced Paneer, Herbed Onion & Green Capsicum, Red ')]")).getText());
WebElement Pizza_ViewMore = w.findElement(By.xpath("//p[contains(text(),'View more')]"));
Pizza_ViewMore.click();
Thread.sleep(2000);
```



```
Markers Properties Servers Snippets Console Package Explorer TestNG
<terminated> Project [Java Application] C:\Program Files\Java\jre1.8.0_211\bin\javaw.exe (Jul 12, 2021, 1:29:16 AM)
Starting ChromeDriver 91.0.4472.19 (1bf021f248676a0b2ab3ee0561d83a59e424c23e-refs/branch-heads/4472@{#288}) on port 33627
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Jul 12, 2021 1:29:25 AM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: W3C
Order Pizza Online - Delivery and Takeaway
No Hut found for that address. Please try again.
Spiced Paneer, Herbed Onion & Green Capsicum, Red Paprika
```

- TC08 – To check functionality of 'Side' tab from upper menu bar.

```
WebElement Side = w.findElement(By.xpath("//*[@id=\"__next\"]/section/nav/ol/li[2]/a"));
Side.click();
Thread.sleep(2000);
```



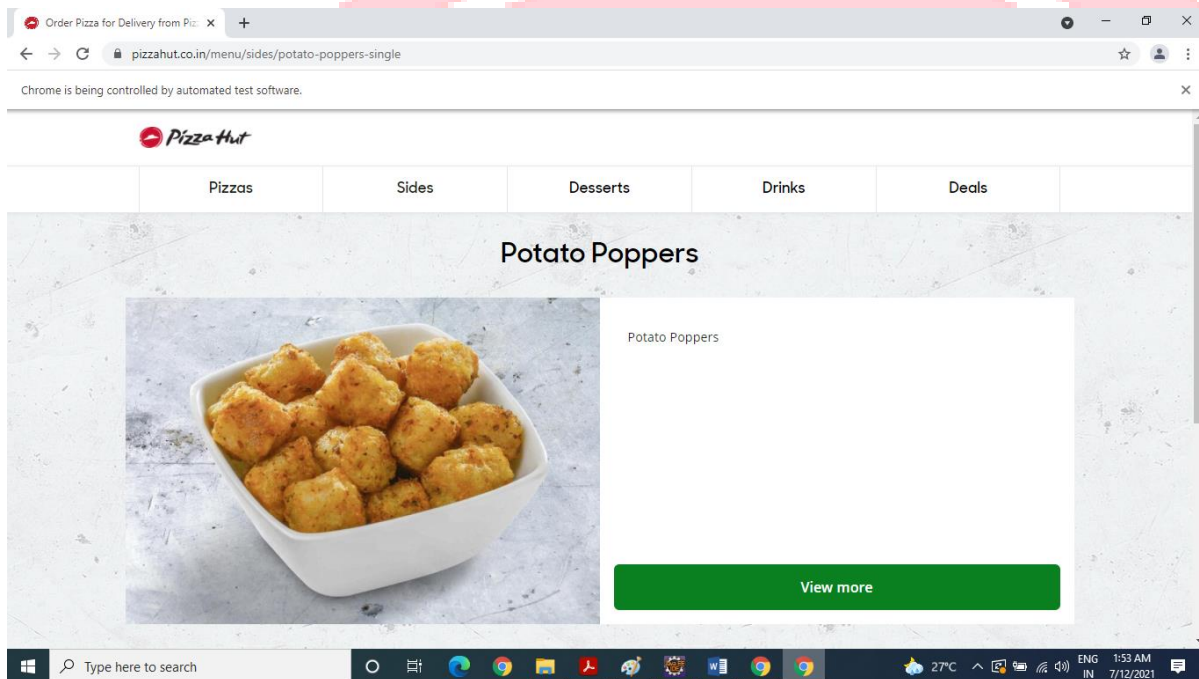


- TC9 – To check functionality of Scroll down slider upto 25% view.

```
JavaScriptExecutor jp =(JavaScriptExecutor) w;  
w.manage().window();  
jp.executeScript("window.scrollTo(0,500)", "");
```

- TC10 – To check functionality of “Pottato\_Paper” tab (get the ingrediant text in console window)

```
WebElement Pottato_Paper = w.findElement(By.xpath("//h2[contains(text(),'Potato Poppers')]"));  
Pottato_Paper.click();  
WebElement Pottato = w.findElement(By.xpath("//p[contains(text(),'Potato Poppers')]"));  
String n = Pottato.getText();  
System.out.println(n);
```

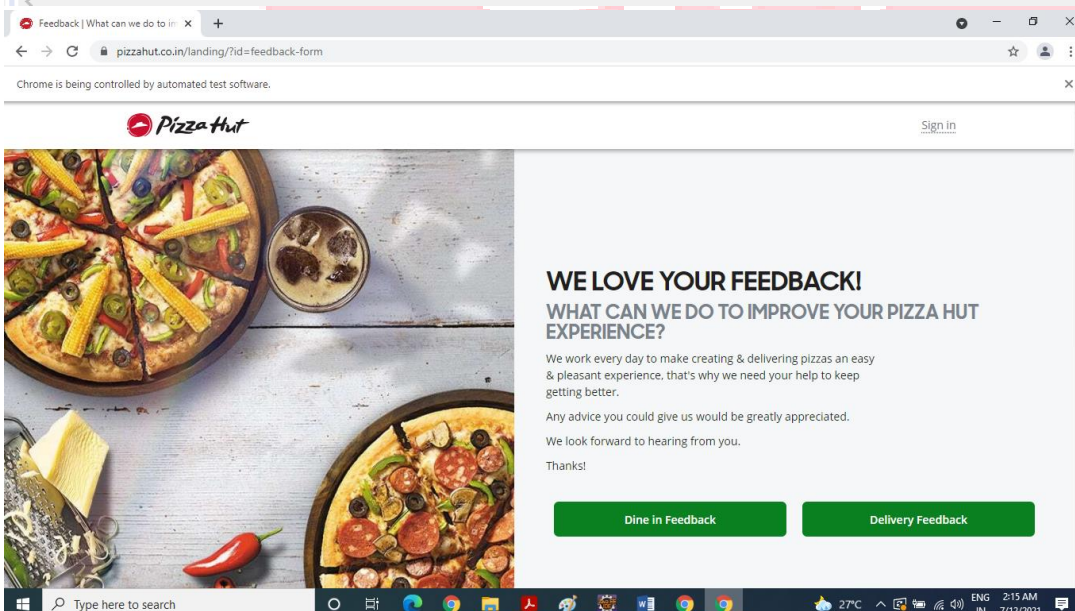
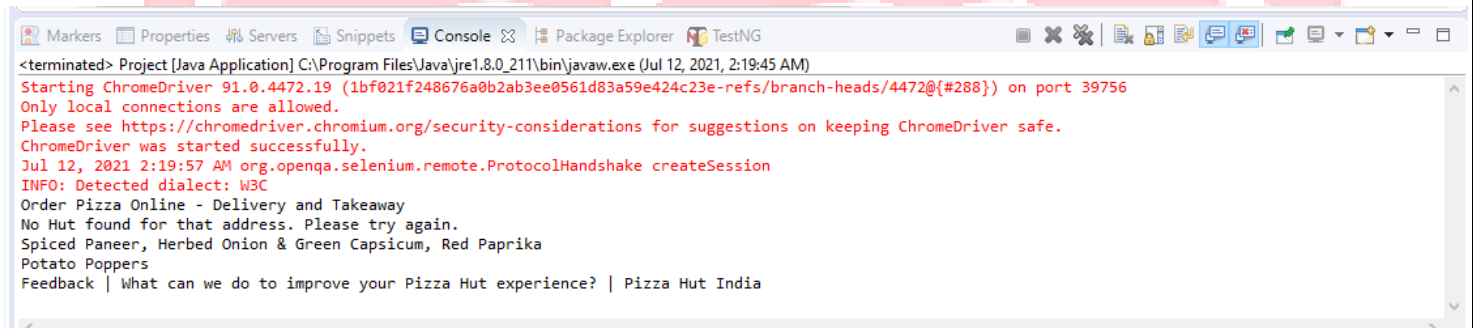
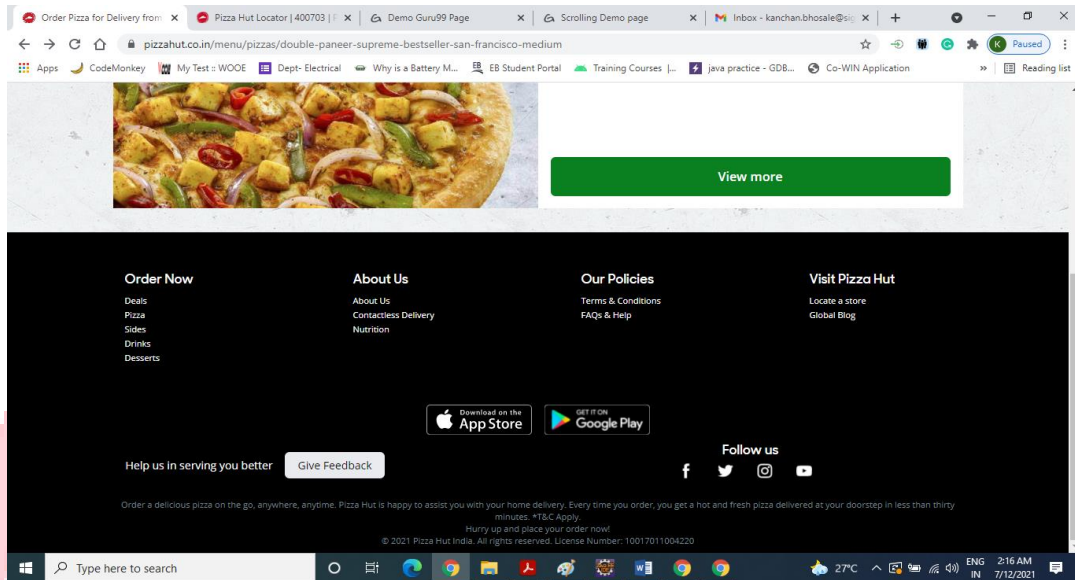


Markers Properties Servers Snippets Console Package Explorer TestNG

```
<terminated> Project [Java Application] C:\Program Files\Java\jre1.8.0_211\bin\javaw.exe (Jul 12, 2021, 1:49:28 AM)  
Starting ChromeDriver 91.0.4472.19 (1bf021f248676a0b2ab3ee0561d83a59e424c23e-refs/branch-heads/4472@{#288}) on port 20615  
Only local connections are allowed.  
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.  
ChromeDriver was started successfully.  
Jul 12, 2021 1:49:41 AM org.openqa.selenium.remote.ProtocolHandshake createSession  
INFO: Detected dialect: W3C  
Order Pizza Online - Delivery and Takeaway  
No Hut found for that address. Please try again.  
Spiced Paneer, Herbed Onion & Green Capsicum, Red Paprika  
Potato Poppers
```

- TC11 – To check functionality of “Give\_FeedBack” button (Clickable or not)

```
WebElement Give_FeedBack = w.findElement(By.xpath("//a[contains(text(),'Give Feedback')]"));
Give_FeedBack.click();
String k = w.getTitle();
System.out.println(k); // get title in console window
```



- **TC12 – To check functionality of “Delivery Feedback” button**

WebElement Delivery\_Feedback =

```
w.findElement(By.xpath("/html[1]/body[1]/div[1]/div[1]/div[2]/div[2]/div[3]/div[2]/button[1]/span[1]"));
```

```
Delivery_Feedback.click();
```

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

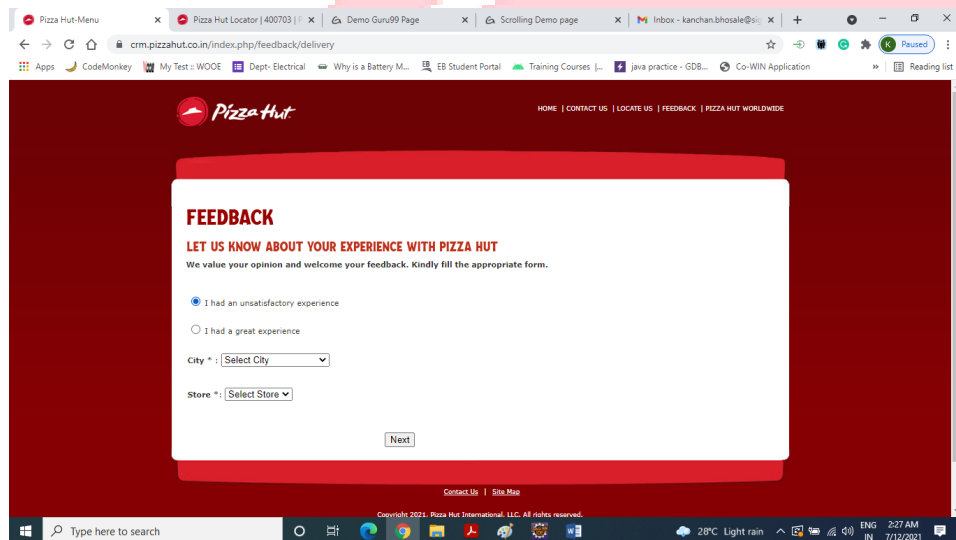
- **TC13 – To check functionality of Radio button “unsatisfactory”**

WebElement unsatisfactory =

```
w.findElement(By.xpath("/html[1]/body[1]/table[1]/tbody[1]/tr[1]/td[1]/table[1]/tbody[1]/tr[2]/td[1]/table[1]/tbody[1]/tr[1]/td[1]/form[1]/table[1]/tbody[1]/tr[5]/td[1]/table[1]/tbody[1]/tr[2]/td[1]/div[1]/input[1]"));
```

```
unsatisfactory.click();
```

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



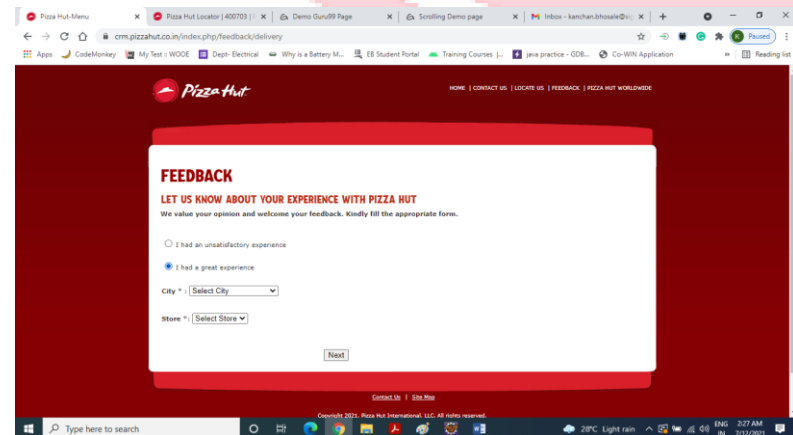
- **TC14 – To check functionality of Radio button “satisfactory”**

WebElement satisfactory =

```
w.findElement(By.xpath("/html[1]/body[1]/table[1]/tbody[1]/tr[1]/td[1]/table[1]/tbody[1]/tr[2]/td[1]/table[1]/tbody[1]/tr[1]/td[1]/form[1]/table[1]/tbody[1]/tr[5]/td[1]/table[1]/tbody[1]/tr[3]/td[1]/div[1]/input[1]"));
```

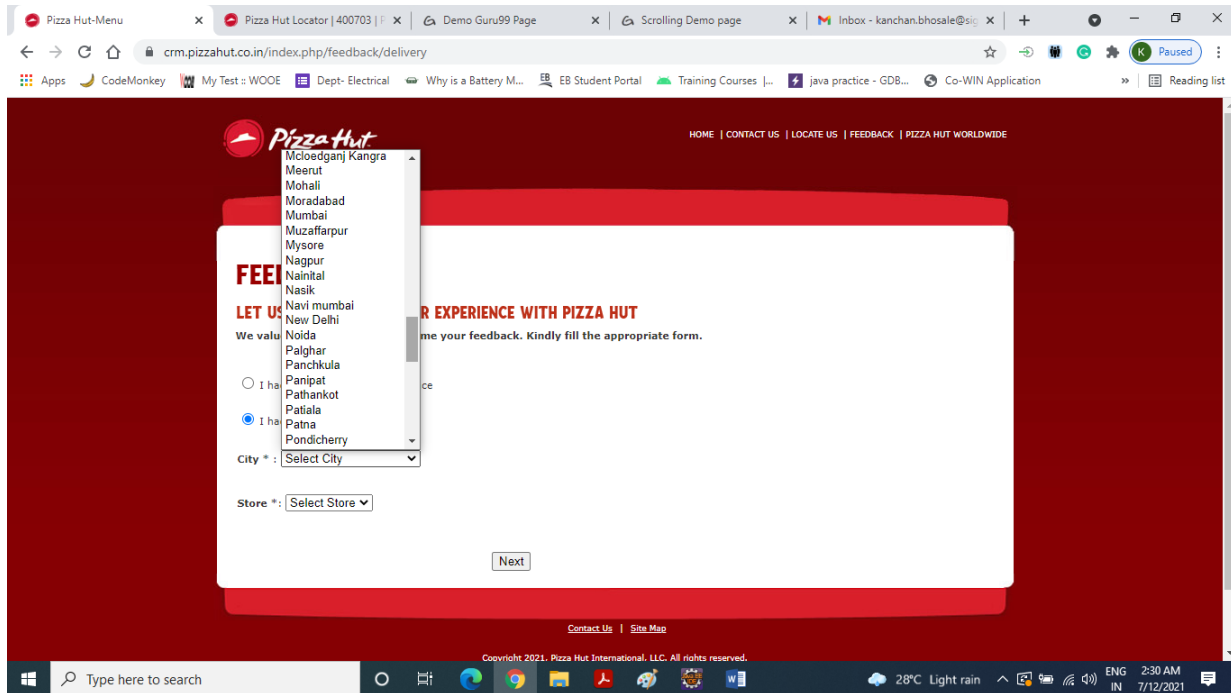
```
satisfactory.click();
```

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



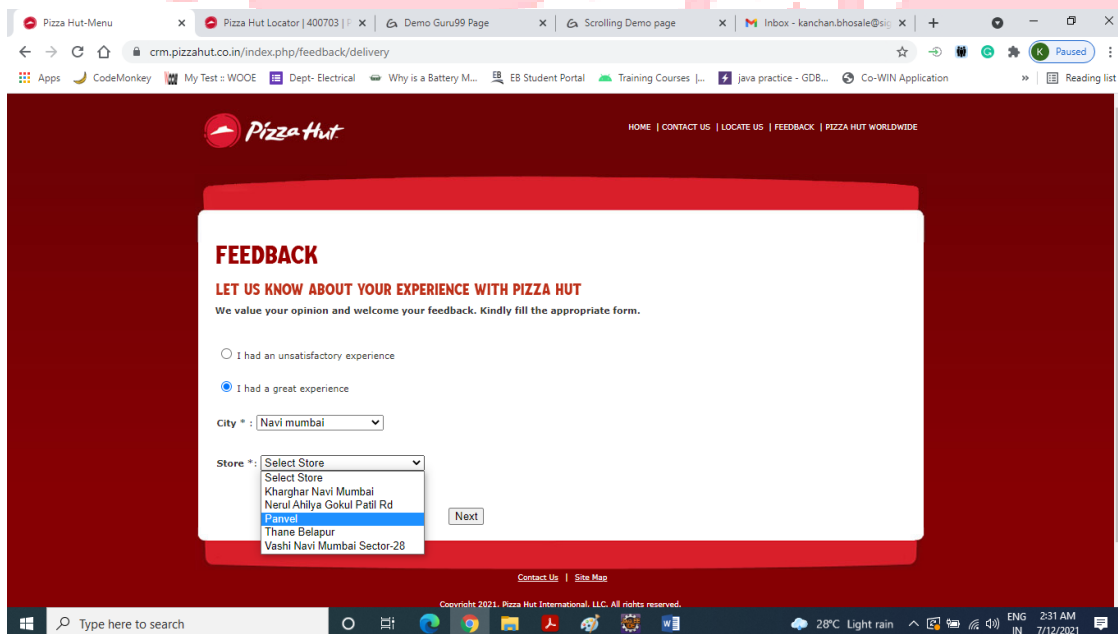
- TC15 – To check functionality of Select “Navi mumbai” from drop down list

```
Select s1 = new Select(w.findElement(By.xpath("//select[@id='city_id']")));
s1.selectByIndex(77);
Thread.sleep(2000);
```



- TC16 – To check functionality of Select “Panvel” from drop down list

```
Select s2 = new Select(w.findElement(By.name("store_id")));
s2.selectByIndex(4);
s2.selectByVisibleText("Panvel");
```



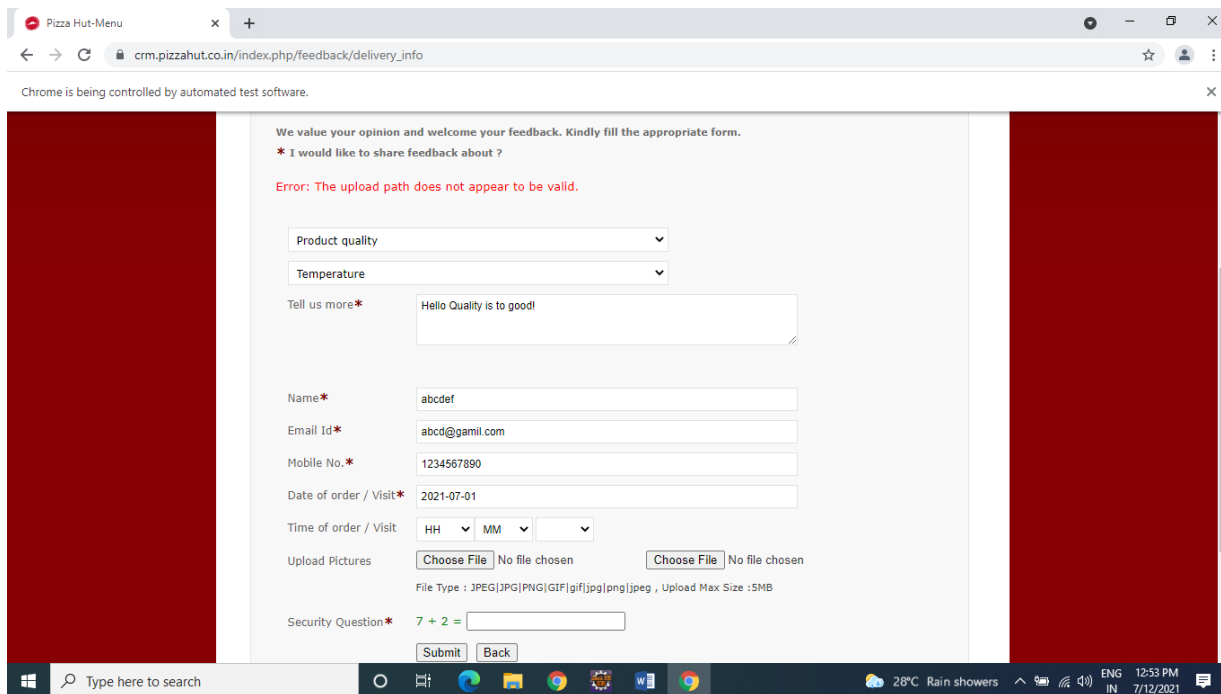
- TC15 – To check functionality of 'next' button.

```
w.findElement(By.name("next")).click();
```

- TC17 – To check functionality of dropdown box and select 'Product quality'.
- TC18 – To check functionality of dropdown box and select 'Temperature'.
- TC19 – To check functionality Text box and send some text in 'Tell us more' text box.
- TC20– To check functionality of Text box and send some text in 'Name' text box.
- TC21– To check functionality of Text box and send some text in 'Email ID' text box.
- TC22 - To check functionality of Text box and send some number in 'Mobile No.' text box.
- TC23 – To check functionality Date text box and clickable.
- TC24 – To check functionality of Date tab to automatic update date.
- TC25 - To check functionality of Choose File button pic is uploaded in .jpg format.
- TC26- To check functionality of captcha
- TC27- To check functionality of Submit button

```
Select s3 = new  
Select(w.findElement(By.xpath("/html[1]/body[1]/table[1]/tbody[1]/tr[1]/td[1]/table[1]/tbody[1]/tr[2]/td[1]/table[1]/tbody[1]/tr[1]/td[1]/div[1]/form[1]/ul[1]/li[1]/select[1]")));  
s3.selectByIndex(4);  
Thread.sleep(2000);  
  
Select s4 = new  
Select(w.findElement(By.xpath("/html[1]/body[1]/table[1]/tbody[1]/tr[1]/td[1]/table[1]/tbody[1]/tr[2]/td[1]/table[1]/tbody[1]/tr[1]/td[1]/div[1]/form[1]/ul[1]/li[2]/select[1]")));  
s4.selectByIndex(2);  
  
w.findElement(By.xpath("//textarea[@id='tell_us_more']")).sendKeys("Hello Quality is to good!");  
System.out.println(w);  
Thread.sleep(1000);  
  
w.findElement(By.xpath("//input[@id='name']")).sendKeys("abcdef");  
w.findElement(By.xpath("//input[@id='email_address']")).sendKeys("abcd@gamil.com");  
w.findElement(By.xpath("//input[@id='mobile_no']")).sendKeys("1234567890");  
w.findElement(By.xpath("//input[@id='date_of_visit']")).click();  
w.findElement(By.xpath("//body[1]/div[1]/table[1]/tbody[1]/tr[1]/td[5]/a[1]")).click();  
  
w.findElement(By.xpath("//input[@id='image1']")).sendKeys("E:\\edubridge\\ScreenShot\\batch4.png");  
w.findElement(By.xpath("//input[@id='math_captcha']")).click();  
Thread.sleep(3000);
```





```

Markers Properties Servers Snippets Console Package Explorer TestNG
<terminated> Project [Java Application] C:\Program Files\Java\jre1.8.0_211\bin\javaw.exe (Jul 12, 2021, 2:24:28 PM)
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Jul 12, 2021 2:24:46 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: W3C
Order Pizza Online - Delivery and Takeaway
No Hut found for that address. Please try again.
Spiced Paneer, Herbed Onion & Green Capsicum, Red Paprika
Potato Poppers
Feedback | What can we do to improve your Pizza Hut experience? | Pizza Hut India
ChromeDriver: chrome on WINDOWS (39e67497c04a280a8433fc67552d63ad)
Error: The upload path does not appear to be valid.

```

- TC28- To check functionality of 'Locate Us' tab from upper menu
- TC29-To check Functionality of Contactless Delivery tab from upper menu

```

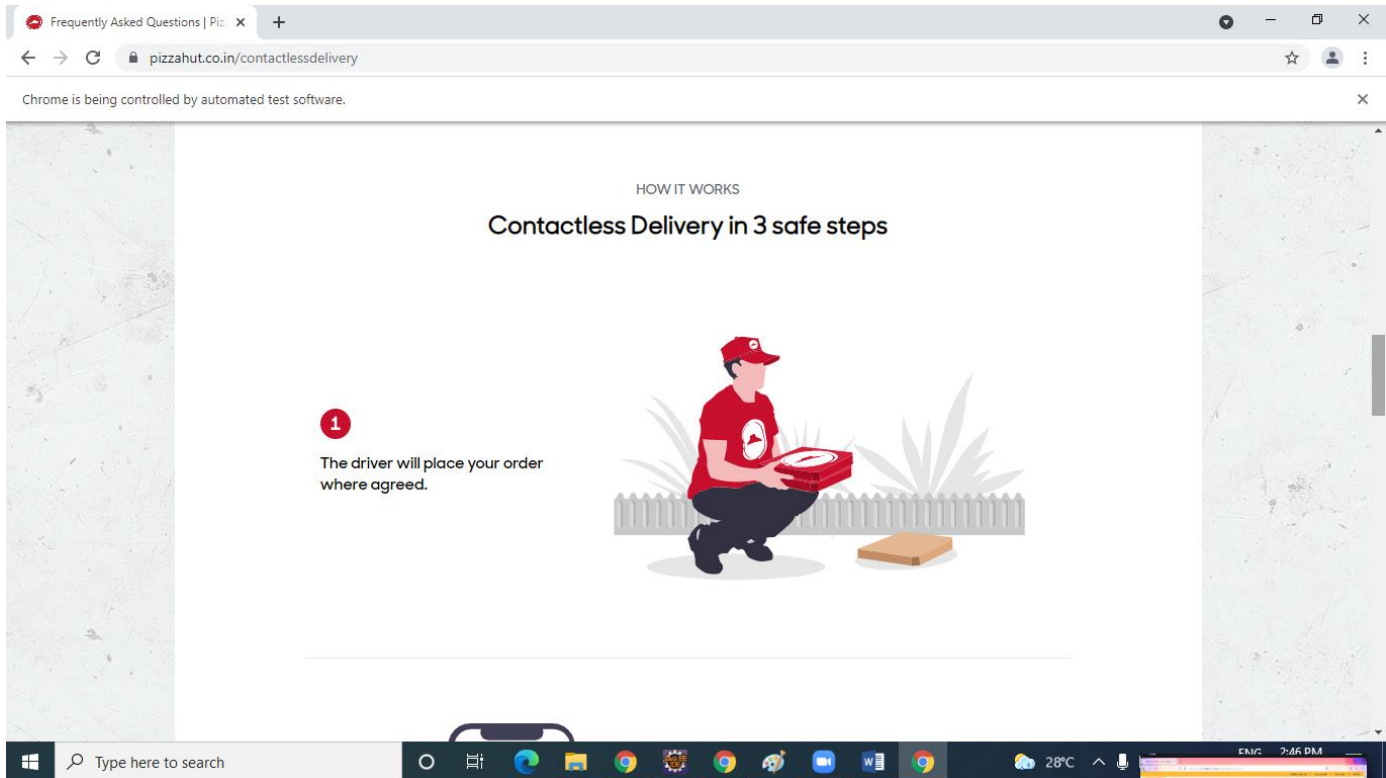
w.findElement(By.xpath("//a[contains(text(),'LOCATE US')]")).click();
JavascriptExecutor jp2 =(JavascriptExecutor) w;
w.manage().window();
jp2.executeScript("window.scrollTo(0,3000)", "");
WebElement Contactless_Delivery = w.findElement(By.xpath("//span[contains(text(),'Contactless
delivery')]"));
Contactless_Delivery.click();
String a = w.findElement(By.xpath("//span[contains(text(),'Helping to keep our customers and
colleagues safe')]")).getText();
System.out.println(a);

JavascriptExecutor jp3 =(JavascriptExecutor) w;
w.manage().window();
jp3.executeScript("window.scrollTo(0,1500)", "");

TakesScreenshot t = (TakesScreenshot) w;
File src1 = t.getScreenshotAs(OutputType.FILE);

Files.copy(src1, new File("E:\\edubridge\\ScreenShot\\pizza1.png"));

```

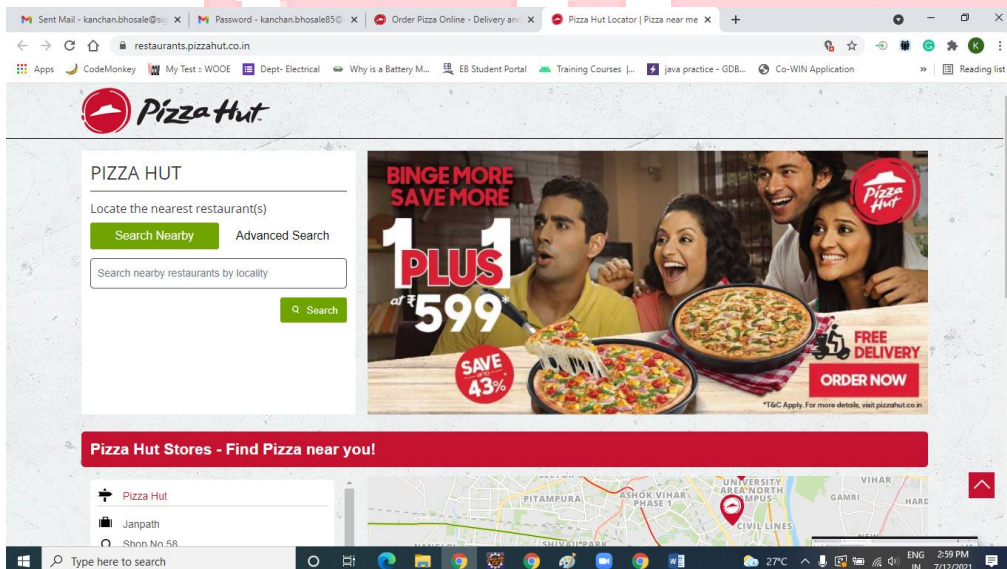


- TC30- To check functionality of 'Locate Store' tab from bottom menu.

```
WebElement Locate_store = w.findElement(By.xpath("//span[contains(text(),'Locate a store')]"));
Locate_store.click();

// Window handler second window will open
```

```
Set<String> windows = w.getWindowHandles();
Iterator <String> it = windows.iterator();
String parent_windows = it.next();
String child_windows1 = it.next();
w.switchTo().window(child_windows1);
System.out.println(w.getTitle());
```



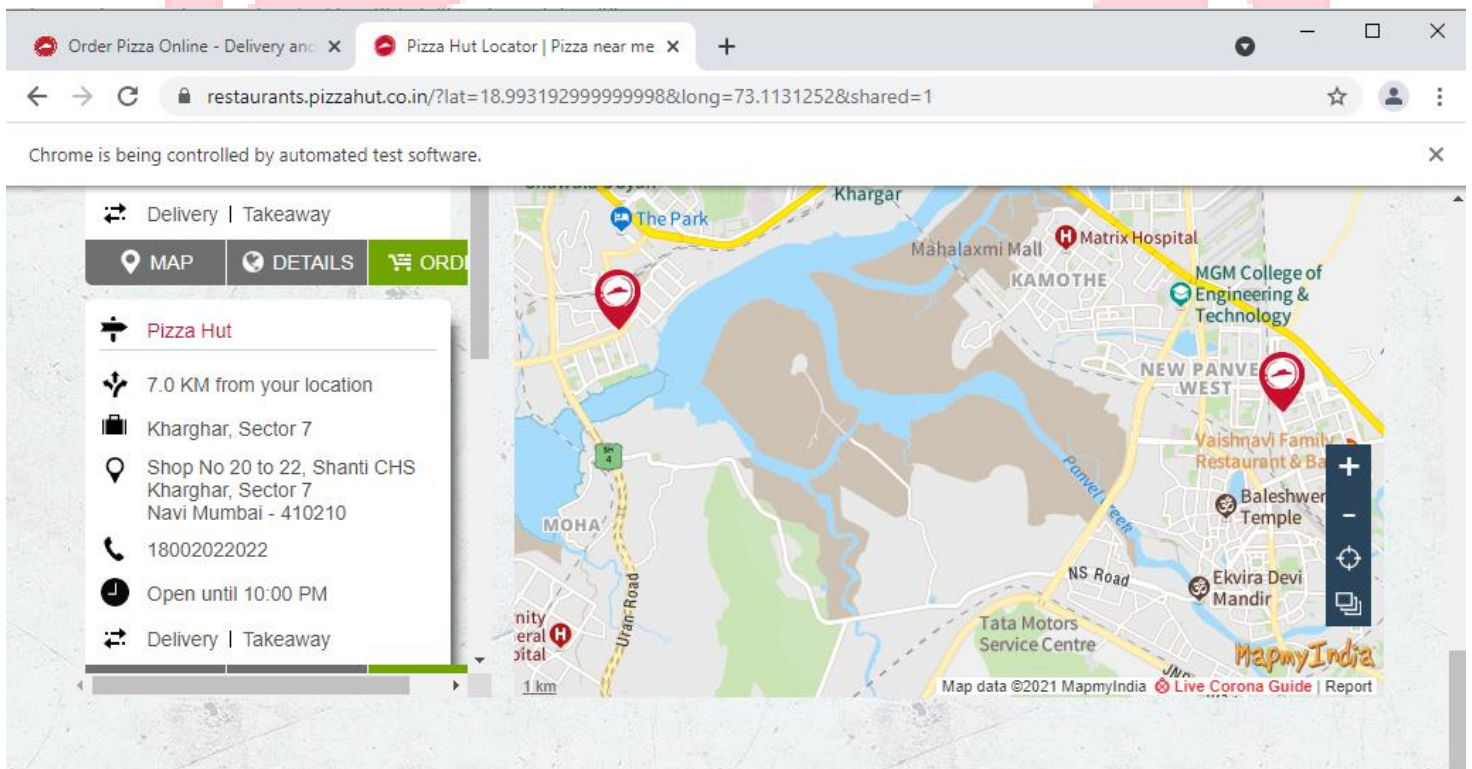
- TC31- To check functionality of 'Search Nearby' tab.

```
WebElement Search = w.findElement(By.xpath("//a[contains(text(),'Search Nearby')]"));
Search.click();
```

- TC32- To check functionality of 'Search nearby restaurant' text box, send pic code.

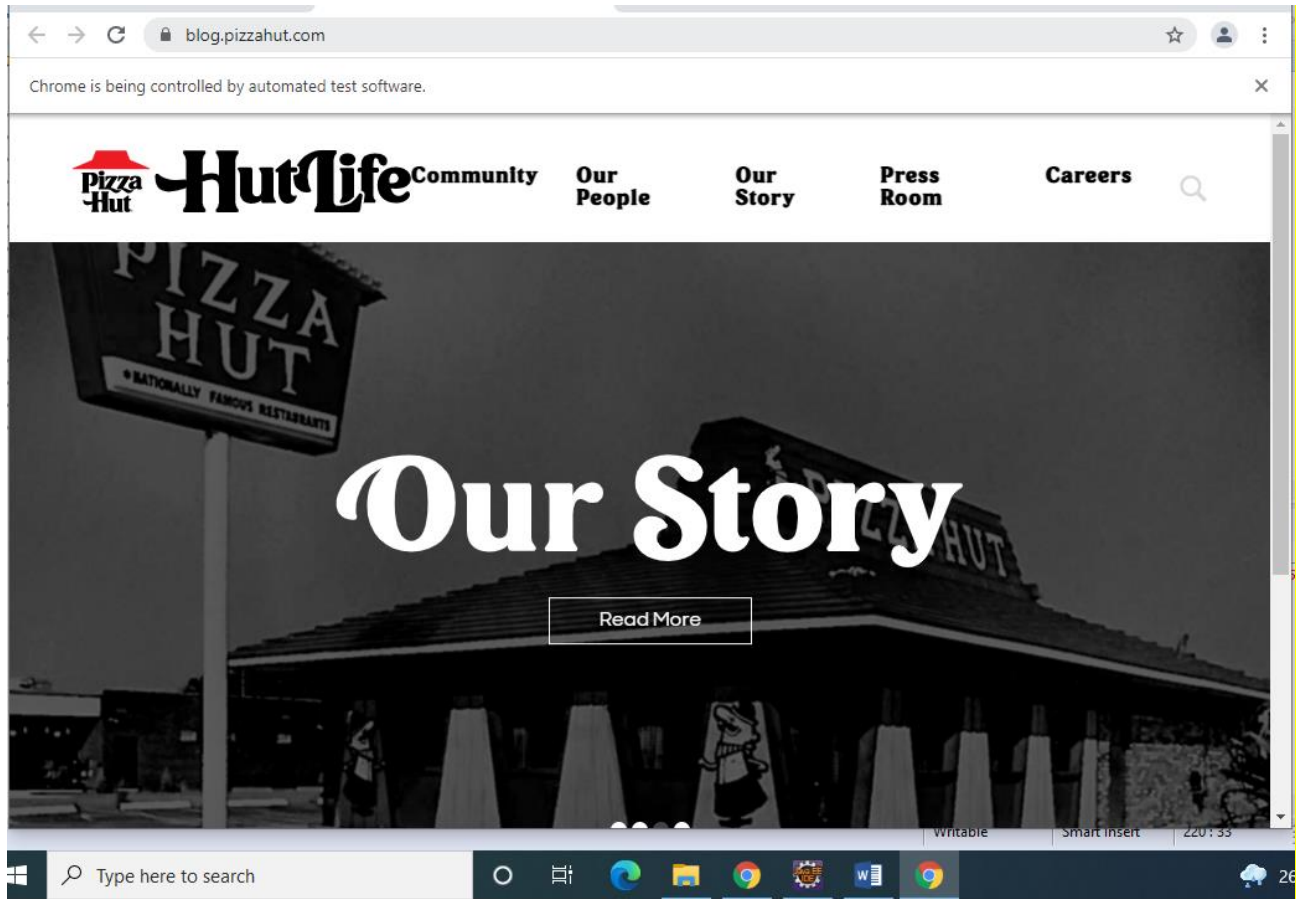
- TC33- To check functionality of 'Search' Tab given below Search text box.

```
w.findElement(By.xpath("/html[1]/body[1]/section[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[2]/div[1]/div[1]/form[1]/div[1]/div[1]/input[1]")).sendKeys("400703");
w.findElement(By.xpath("/html[1]/body[1]/section[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[2]/div[1]/div[1]/form[1]/div[2]/button[1]")).click();
JavascriptExecutor Geo_pic =(JavascriptExecutor) w;
w.manage().window();
Geo_pic.executeScript("window.scrollTo(0,2300)", "");
TakesScreenshot Geo = (TakesScreenshot) w;
File src2 = Geo.getScreenshotAs(OutputType.FILE);
Files.copy(src2, new File("E:\\edubridge\\ScreenShot\\resturant_Location.png"));
w.switchTo().window(parent_windows);
```



- TC34- To check functionality of 'Global Blog' link to open new window

```
JavascriptExecutor jp4 =(JavascriptExecutor) w;
w.manage().window();
jp4.executeScript("window.scrollTo(0,3000)", "");
w.findElement(By.xpath("//span[contains(text(),'Global Blog')]")).click()
```



- TC35- To check functionality of 'LinkedIn' view box to open new window

```
Set<String> windows1 = w.getWindowHandles();

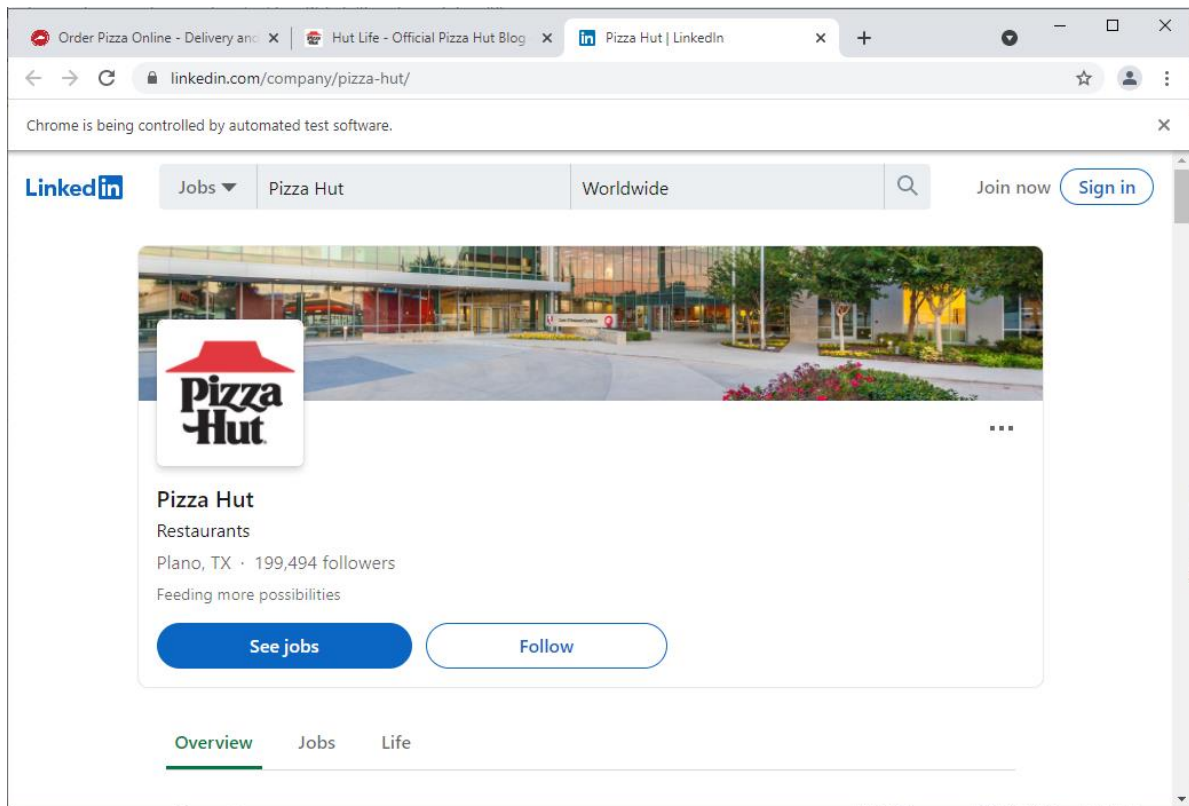
Iterator <String> it1 = windows1.iterator();

String parent_windows1 =it1.next();

String child_windows2=it1.next();
w.switchTo().window(child_windows2);
JavascriptExecutor jp5 =(JavascriptExecutor) w;
w.manage().window();
jp5.executeScript("window.scrollTo(0,2500)", "");

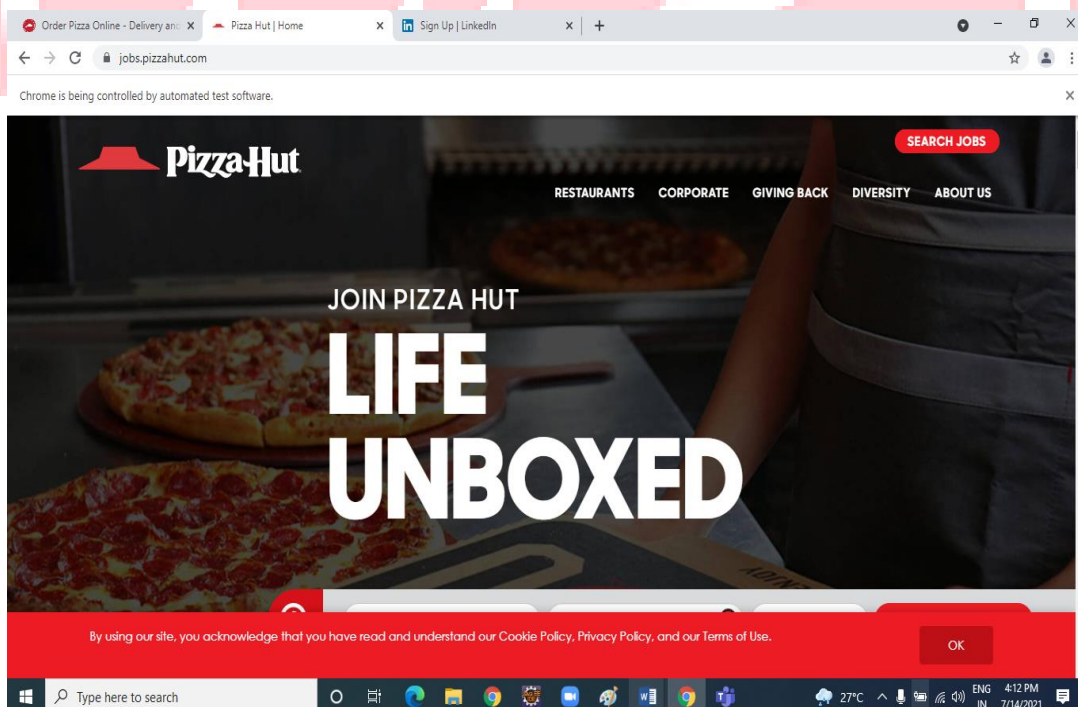
w.findElement(By.xpath("//body/div[2]/footer[1]/ul[1]/li[5]/a[1]")).click();
Thread.sleep(2000);
```





- TC36- To check functionality of navigation link 'Career' navigation link

```
w.switchTo().window(child_windows2);
Thread.sleep(2000);
w.findElement(By.xpath("//a[contains(text(),'Careers')]")).click
```





- TC37- To check functionality of 'OK' button given in cookies.

```
w.findElement(By.xpath("//button[@id='cookiebtn']")).click();
```

```
w.findElement(By.xpath("//header/nav[@id='slide-nav']/div[1]/div[2]/ul[1]/li[2]/a[1]")).click();
```

```
w.findElement(By.xpath("/html[1]/body[1]/div[1]/header[1]/nav[1]/div[1]/div[2]/ul[1]/li[2]/ul[1]/li[2]/ul[1]/li[3]")).click();
//w.navigate().back();
```

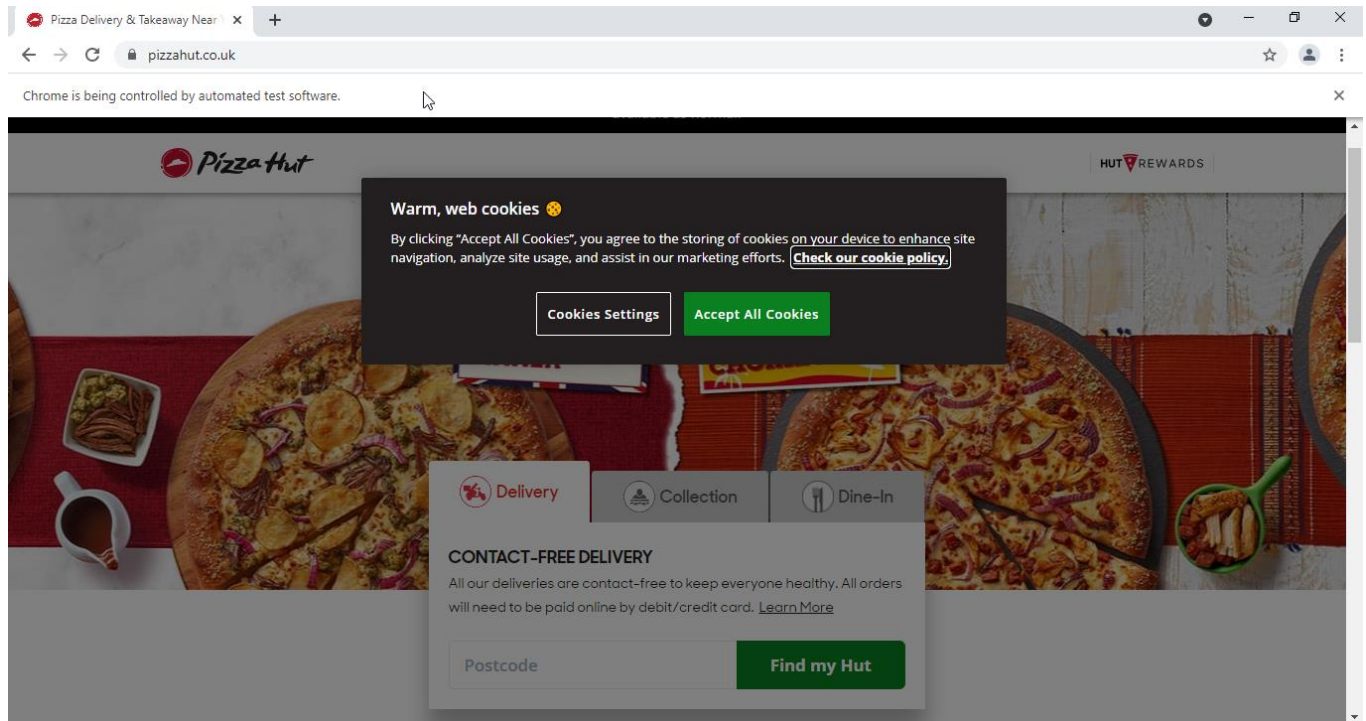
- TC38- To check functionality of 'RESTAURANTS' button

```
w.findElement(By.xpath("//header/nav[@id='slide-nav']/div[1]/div[2]/ul[1]/li[2]/a[1]")).click();
w.findElement(By.xpath("/html[1]/body[1]/div[1]/header[1]/nav[1]/div[1]/div[2]/ul[1]/li[2]/ul[1]/li[2]/ul[1]/li[2]")).click();
w.switchTo().window(parent_windows1 );
```

The screenshot displays the Jira Software interface for a project named 'First\_batch\_Jira'. The main view shows a list of issues, with one issue selected: 'PIZZA HUT feedback form' (FBJ-446). The issue description states: 'Pizza hut Feedback form is not working as expected. Even after uploading proper images, it's showing an error.' The issue is assigned to 'testereDU' and has a status of 'Open'. The interface includes a sidebar with filters, a top navigation bar, and a bottom taskbar with various application icons.

- TC39- Launch the browser and Open 'https://www.pizzahut.co.uk'

```
System.setProperty("webdriver.chrome.driver", "C:\\\\Users\\\\dell\\\\Desktop\\\\Selenium
Jar\\\\chromedriver_win32\\\\chromedriver.exe");
WebDriver w = new ChromeDriver();
Thread.sleep(1000); // add some delay
w.get("https://www.pizzahut.co.uk/");
```



- TC40-To check the functionality of 'Accept all cookies' button

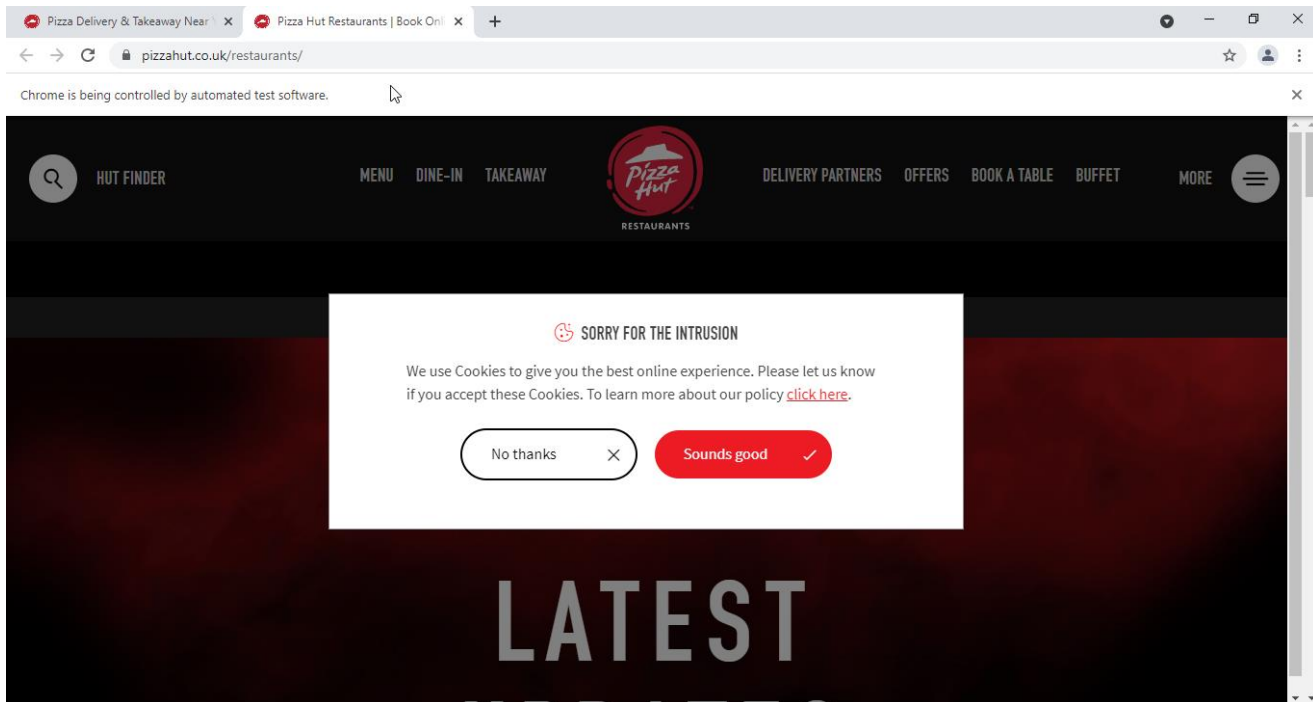
```
w.findElement(By.xpath("/html[1]/body[1]/div[2]/div[3]/div[1]/div[1]/div[2]/div[1]/div[1]/button[1]
")).click();
```

- TC41-To check the functionality of 'Find a Restaurant' button


```
JavascriptExecutor jp =(JavascriptExecutor) w;
w.manage().window();
jp.executeScript("window.scrollTo(0,2000)", "");
WebElement Find_Resaturant =
w.findElement(By.xpath("//body/div[@id='app']/div[1]/div[7]/a[1]/div[1]/div[1]/div[1]/button[1]"));
Find_Resaturant.click();
Set<String> windows = w.getWindowHandles();
Iterator <String> it = windows.iterator();
```

```
String parent_windows =it.next();
String child_windows1=it.next();
w.switchTo().window(child_windows1);
```


- TC41-To check the functionality of 'No Thanks' button




```
w.findElement(By.xpath("/html/body/form/div[2]/header/aside/div/div[2]/a[1]")).click();
WebElement Location =
w.findElement(By.xpath("/html[1]/body[1]/form[1]/div[2]/section[1]/div[1]/div[1]/div[1]/div[1]/a[1]
/span[1]"));
Location.submit();
```

 HUT FINDER

MENU DINE-IN TAKEAWAY

  
RESTAURANTS

DELIVERY PARTNERS OFFERS BOOK A TABLE BUFFET MORE 

TO TAILOR THIS PAGE FOR A SPECIFIC HUT,  
PLEASE SELECT A HUT

Select a Hut

USE MY LOCATION

Uber Eats deliveroo JUST EAT

PIZZA TO

