EduBridge

A project Report on

<u>DOMINO'S ONLINE WEBSITE USING AUTOMATION TOOL SELENIUM WEBDRIVER WITH JAVA.</u>

By

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Introduction:

This Project aims to do overall testing like functional testing, GUI testing on Domino's 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 Mania Menu Module. A Automation website is usually seeking to appeal to a broad audience and often has a Product of information to share with that audience.

Software testing is an investigation conducted to provide stakeholders with information about the quality of the software product or service under test.

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

1. PIZZA MANIA MENU MODULE

TC01: Launch the browser and Domino's website menu

Selenium WebDriver Test Script:

```java
System.setProperty("webdriver.chrome.driver","C:\\seleniumwebdriver\\chromedriver\\chromedriver_win32\\chromedriver.exe" );

WebDriver driver=new ChromeDriver();
driver.get("https://www.dominos.co.in/menu/");
driver.manage().window().maximize();
```

TC02: To verify the functionality of Domino's menu

Selenium WebDriver Test Script:

```java
driver.get("https://www.dominos.co.in/menu/");
driver.manage().window().maximize();
```

TC03: To verify and display the Pizza Mania View Menu

Selenium WebDriver Test Script:

```
driver.findElement(By.xpath("//*[@id=\"veg
pizzas\"]/div[2]/div/div[3]/div/a")).click(); //Pizza
mania view all

 driver.findElement(By.className("img-
responsive")).click(); //pizza mania logo
```

TC04: To verify the functionality of Veg Menu using View All

Selenium WebDriver Test Script:

```
driver.findElement(By.xpath("//*[@id=\"veg-
pizzas\"]/div[2]/div/div[3]/div/a")).click(); //Pizza
mania view all

driver.findElement(By.className("img-
responsive")).click(); //pizza mania logo
```

TC05: To verify the functionality of Different Veg Pizza Menu

Selenium WebDriver Test Script:

```
    //VEG LOADED Order Now
    driver.findElement(By.xpath("//*[@id=\"pizza-
mania-veg\"]/div[2]/div/div[2]/div/a")).click();
```

```
		driver.findElement(By.className("img-
responsive")).click();//logo
		//Thread.sleep(2000);

		//CHEESY Order Now
		driver.findElement(By.xpath("//*[@id=\"pizza-
mania-veg\"]/div[2]/div/div[3]/div/a")).click();
		driver.findElement(By.className("img-
responsive")).click();//logo
		//Thread.sleep(2000);

		//CAPSICUM Order Now
		driver.findElement(By.xpath("//*[@id=\"pizza-
mania-veg\"]/div[2]/div/div[4]/div/a")).click();
		driver.findElement(By.className("img-
responsive")).click();//logo
		Thread.sleep(2000);

		//ONION Order Now
		driver.findElement(By.xpath("//*[@id=\"pizza-
mania-veg\"]/div[2]/div/div[5]/div/a")).click();
		driver.findElement(By.className("img-
responsive")).click();//logo
		Thread.sleep(2000);

		//GOLDEN CORN Order Now
		driver.findElement(By.xpath("//*[@id=\"pizza-
mania-veg\"]/div[2]/div/div[6]/div/a")).click();
		driver.findElement(By.className("img-
responsive")).click();//logo
		Thread.sleep(2000);

		//PANEER & ONION Order Now
```

```
    driver.findElement(By.xpath("//*[@id=\"pizza-
mania-veg\"]/div[2]/div/div[7]/div/a")).click();
    driver.findElement(By.className("img-
responsive")).click();//logo
    Thread.sleep(2000);

    //CHEESE N TOMATO Order Now
    driver.findElement(By.xpath("//*[@id=\"pizza-
mania-veg\"]/div[2]/div/div[8]/div/a")).click();
    driver.findElement(By.className("img-
responsive")).click();//logo
    Thread.sleep(2000);
```

TC06: To verify the functionality of Scrollbar

Selenium WebDriver Test Script:

```
    //SROLLBAR
    JavascriptExecutor js=(JavascriptExecutor)driver;
    js.executeScript("window.scrollBy(0,5000)");
    System.out.println("Scrolled Down");

    JavascriptExecutor js1=(JavascriptExecutor)driver;
    js1.executeScript("window.scrollBy(0,-3000)");
    System.out.println("Scrolled Up");
```

TC07: To verify the functionality of Non veg Pizza Menu

Selenium WebDriver Test Script:

```
//Non Veg pizza Mania

driver.findElement(By.xpath("//*[@id=\"pizza\"]/div[1]/
div[2]/ul/li[2]/a/h2")).click();
    Thread.sleep(2000);
```

TC08: To verify the Different Non veg Pizza Menu

Selenium WebDriver Test Script:

```
    //NON VEG LOADED Order Now
    driver.findElement(By.xpath("//*[@id=\"pizza-
mania-non-veg\"]/div[2]/div/div[1]/div/a")).click();
    Thread.sleep(2000);

    //CHICKEN SAUSAGE Order Now
    driver.findElement(By.xpath("//*[@id=\"pizza-
mania-non-veg\"]/div[2]/div/div[2]/div/a")).click();
    Thread.sleep(2000);

    //PEPPER BARBECUE CHICKEN Order Now
    driver.findElement(By.xpath("//*[@id=\"pizza-
mania-non-veg\"]/div[2]/div/div[3]/div/a")).click();
    Thread.sleep(2000);
```

TC09: To verify the functionality of Radio Button

Selenium WebDriver Test Script:

```java
//RADIO BUTTON
        WebElement
radio=driver.findElement(By.xpath("//*[@id=\"__next\"]/
div/div[1]/div[2]/div/div[2]/div[1]/div/div[2]/div[1]/la
bel/span[1] "));
        radio.click();
                radio.isSelected();
```

TC10: To verify and Functionality of Meals & Combo's

```java
System.setProperty("webdriver.chrome.driver","C:\\seleni
umwebdriver\\chromedriver\\chromedriver_win32\\ch
romedriver.exe" );

        WebDriver driver=new ChromeDriver();

    driver.get("https://pizzaonline.dominos.co.in/menu?
categoryId=50");
        Actions a =new Actions(driver);
        driver.manage().window().maximize();

        //Capsicum Buddy Combo
        driver.findElement(By.xpath("//*[@id=\"mn-
lft\"]/div[10]/div/div[2]/div/div/div[2]/div[1]/span[1]")
).click();
         Thread.sleep(2000);

        //Add to Cart
```

```java
		driver.findElement(By.xpath("//*[@id=\"mn-lft\"]/div[10]/div/div[2]/div/div/div[2]/div[2]/div/button/span")).click();
		Thread.sleep(2000);

		//Increase Quantity
		driver.findElement(By.xpath("//*[@id=\"mn-lft\"]/div[10]/div/div[2]/div/div/div[2]/div[2]/div/div[2]")).click();
		Thread.sleep(2000);


		//Mini Cart Checkout

driver.findElement(By.xpath("//*[@id=\"_next\"]/div/div/div[1]/div[2]/div[2]/div[2]/div[2]/div/div/div[2]/div[2]/button")).click();
		Thread.sleep(2000);

		//Place Order

driver.findElement(By.xpath("//*[@id=\"_next\"]/div/div[1]/div[2]/div[3]/div[2]/div/div[6]/div/div/div[7]/button/span")).click();
				Thread.sleep(2000);
```

TC11: To verify and Functionality of BestSellers

```java
System.setProperty("webdriver.chrome.driver","C:\\seleni
umwebdriver\\chromedriver\\chromedriver_win32\\ch
romedriver.exe" );

        WebDriver driver=new ChromeDriver();

    driver.get("https://pizzaonline.dominos.co.in/menu?
categoryId=1");
        Actions a =new Actions(driver);
        driver.manage().window().maximize();

        //The Unthinkable Pizza
        driver.findElement(By.xpath("//*[@id=\"mn-
lft\"]/div[2]/div/div[1]/div/div/div[1]/div/div[1]/img"))
.click();
         Thread.sleep(2000);
        //Pizza Size

    driver.findElement(By.xpath("//*[@id=\"_next\"]/di
v/div/div[1]/div[2]/div[1]/div/div[3]/div/div/div[3]/div
[1]/div/div[1]/div/div[2]/div[2]")).click();
        Thread.sleep(2000);
        //Select Crust

    driver.findElement(By.xpath("//*[@id=\"_next\"]/di
v/div/div[1]/div[2]/div[1]/div/div[3]/div/div/div[3]/div
[1]/div/div[2]/div/div/div/div/div[3]/img")).click();
        Thread.sleep(2000);

        //SROLLBAR
```

```java
JavascriptExecutor js=(JavascriptExecutor)driver;
js.executeScript("window.scrollBy(0,5000)");
System.out.println("Scrolled Down");

JavascriptExecutor
js1=(JavascriptExecutor)driver;
js1.executeScript("window.scrollBy(0,-3000)");
System.out.println("Scrolled Up");

//Add To Cart

driver.findElement(By.xpath("//*[@id=\"__next\"]/di
v/div/div[1]/div[2]/div[1]/div/div[3]/div/div/div[4]/div
/div[2]/button/span")).click();
Thread.sleep(2000);


//If you want to increase the Quantity

driver.findElement(By.xpath("//*[@id=\"__next\"]/div/di
v/div[1]/div[2]/div[2]/div[2]/div[2]/div/div/div[1]/div/
div/div/div[2]/div/div/div[2]")).click();
Thread.sleep(2000);

//Mini Cart Checkout

driver.findElement(By.xpath("//*[@id=\"__next\"]/div/di
v/div[1]/div[2]/div[2]/div[2]/div[2]/div/div/div[2]/div[
2]/button")).click();
Thread.sleep(2000);

//Add Tomato Ketchup
```

```
driver.findElement(By.xpath("//*[@id=\"__next\"]/div/div[1]/div[2]/div[3]/div[1]/div/div/div[2]/div[2]/div/div/div[2]/ul/li[2]/div/div[2]/div")).click();
        Thread.sleep(2000);
```

//Cheese Jalapeno

```
driver.findElement(By.xpath("//*[@id=\"__next\"]/div/div[1]/div[2]/div[3]/div[1]/div/div/div[2]/div[2]/div/div/div[2]/ul/li[4]/div/div[2]/div")).click();
        Thread.sleep(2000);
```

//Select Coupon

```
driver.findElement(By.xpath("//*[@id=\"__next\"]/div/div[1]/div[2]/div[3]/div[2]/div/div[5]/div[2]/span[2]")).click();
        Thread.sleep(2000);
```

//if not Applying any coupon then click on ESC

```
driver.findElement(By.xpath("//*[@id=\"__next\"]/div/div[1]/div[2]/div[1]/div/div[2]/span")).click();
        Thread.sleep(2000);
```

//Place Order

```
driver.findElement(By.xpath("//*[@id=\"__next\"]/div/div[1]/div[2]/div[3]/div[2]/div/div[6]/div/div/div[7]/button/span")).click();
        Thread.sleep(2000);
```

```
        //close
        //driver.close();
```

TC12: To verify and Functionality of Address and location

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Selenium WebDriver Test Script:

```
//ADDRESS
      WebElement address=
driver.findElement(By.id("<input type=\"text\"
placeholder=\"Enter Area / Locality\" class=\"\"
value=\"\">"));
   address.sendKeys("Panvel,navi mumbai 410206");



//LOCATION

driver.findElement(By.xpath("//*[@id=\"_next\"]/div/di
v[1]/div[2]/div/div[1]/div/div[3]/div/div[1]/div[2]/div[
1]/div[2]/button/span")).click();

   //SELECTION FROM LIST

driver.findElement(By.xpath("//*[@id=\"_next\"]/div/di
v[1]/div[2]/div/div[1]/div/div[3]/div/div[1]/div[3]/div/
div[2]/div[2]/button/span")).click();
```

TC13: To verify the navigation to go back to previous page.

Selenium WebDriver Test Script:

d.navigate().back();

TC14: To verify that browser is able to close.

Selenium WebDriver Test Script:

d.close();