



ONLINE SHOPPING CART SYSTEM

By,

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ABSTRACT

In our project Online cart system User will login into system to purchase the available items. After selecting the items , they have provision of adding the items to cart. if don't want user can remove it from the cart. finally it will display the total amount to be paid for the items in cart. once payment is done user will receive acknowledgment through email.

Tools :

1. A webserver – XAMPP
2. Database – MySQL DB
3. IDE – Eclipse

PROGRAMMING LANGUAGES:

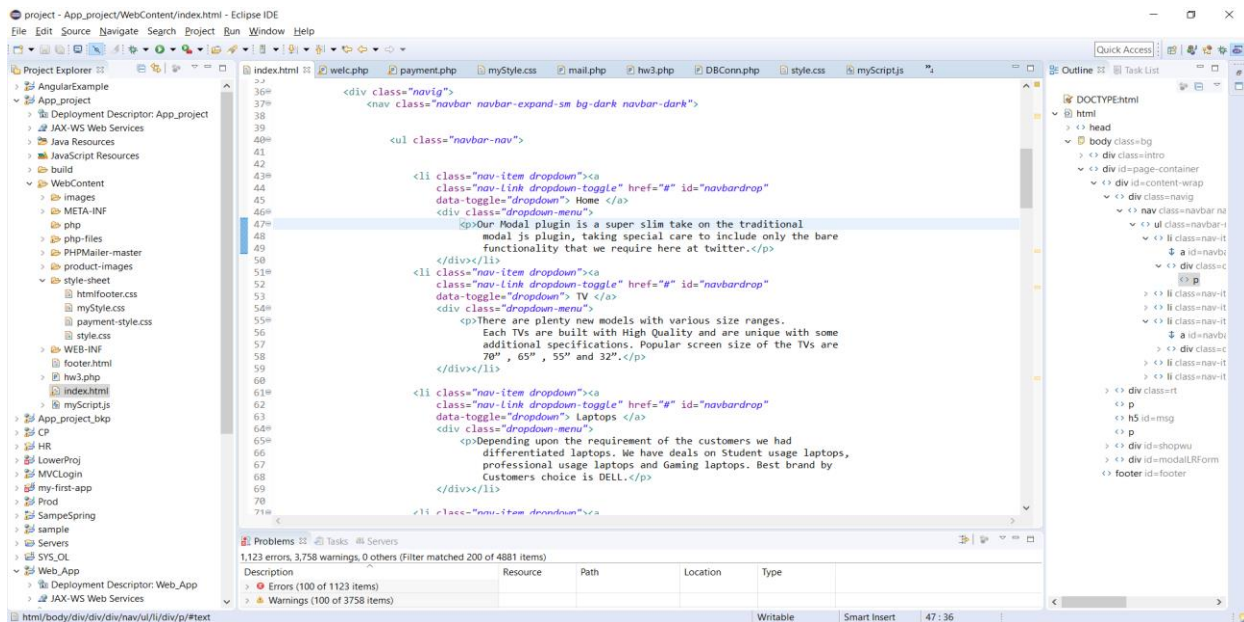
1. HTML
2. CSS
3. JavaScript
4. PHP
5. jQuery
6. Bootstrap

Functionalities :

1. login/sign up
2. Adding items to cart
3. remove items from cart
4. receipt generation
5. sending receipt to email id.

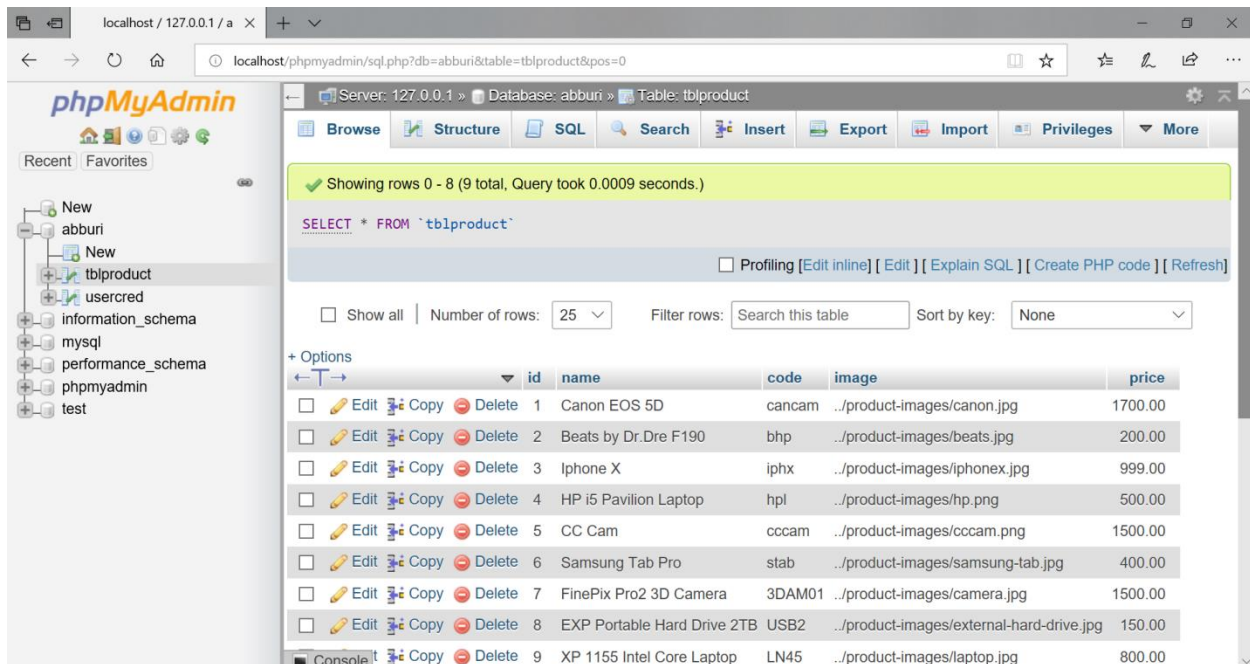
Step 1:

We had used Eclipse IDE as developmet tool for programming languages like html, javascript, css and php.



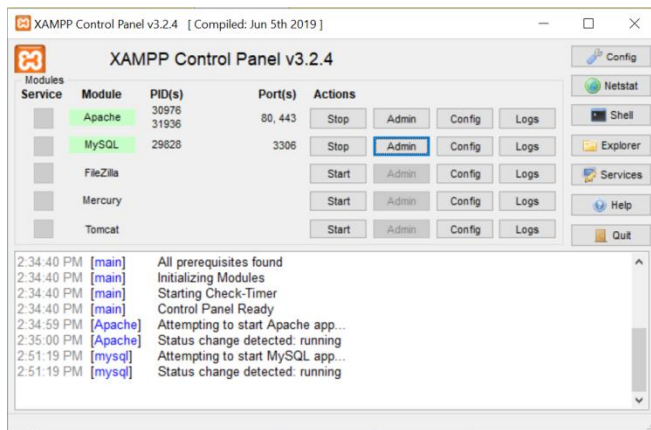
Step 2:

For Database we had used the MySQL Database from the XAMPP



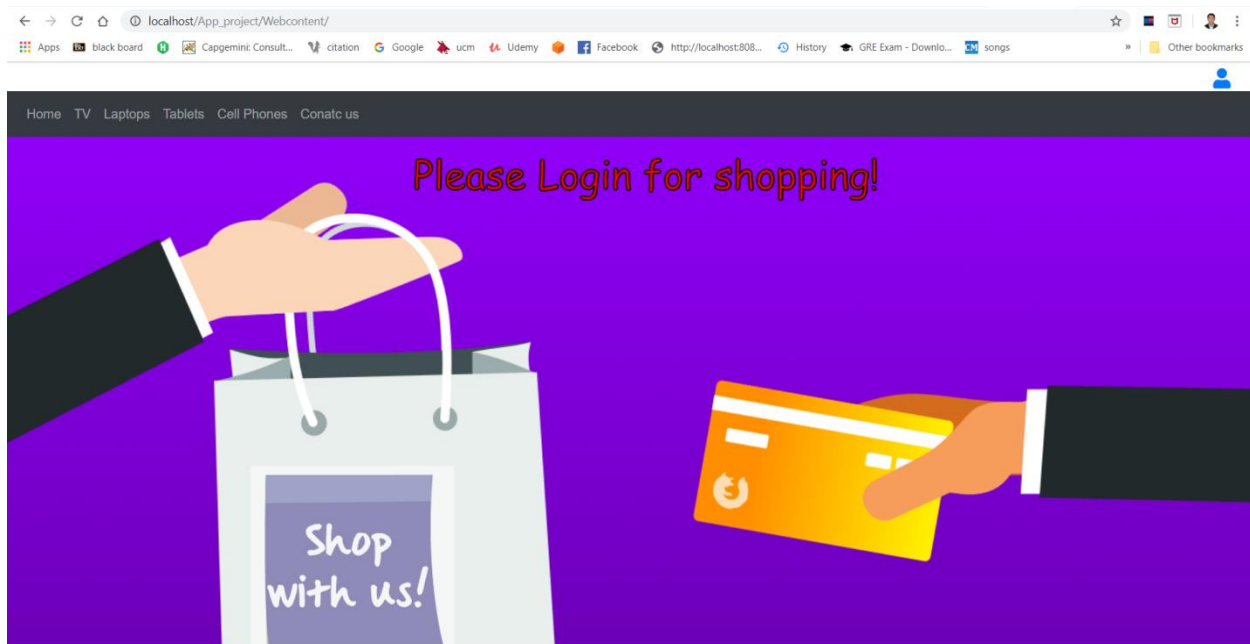
Step 3:

We had used XAMPP to create local web server by using integrated Apache Server and MySQL Database



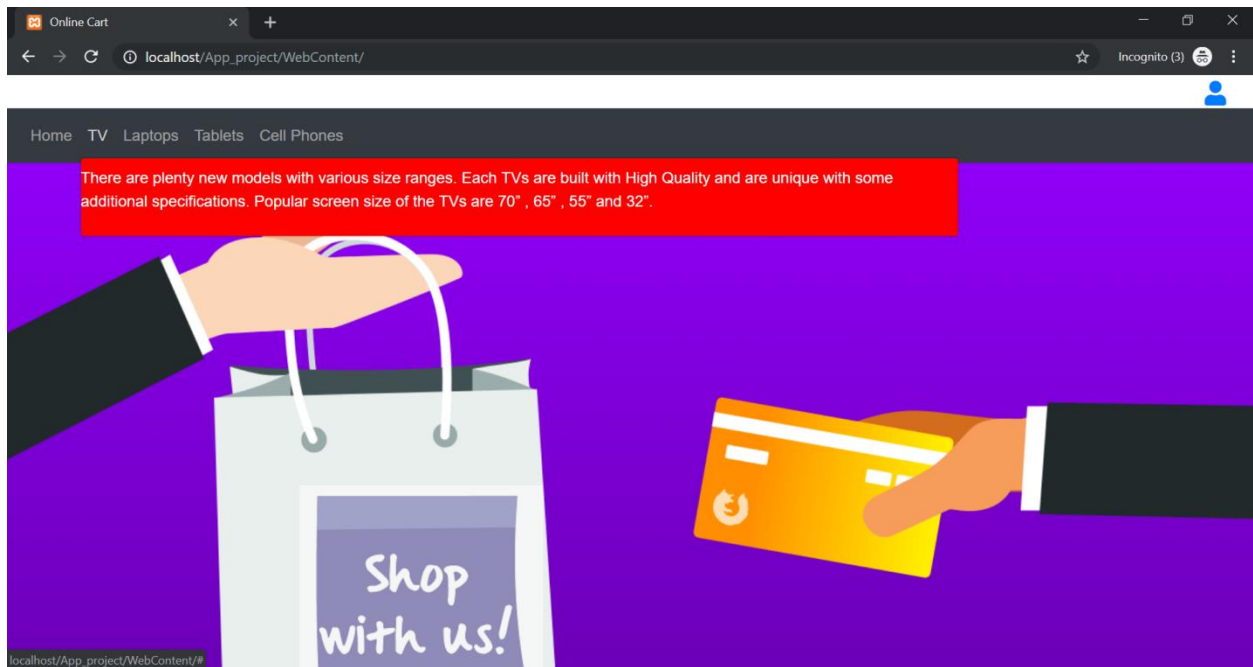
Step 4:

This is the home page for our project Online Cart System we have user icon and in the home page we have navigation bar and footer where there are specified to the detailed information are described.



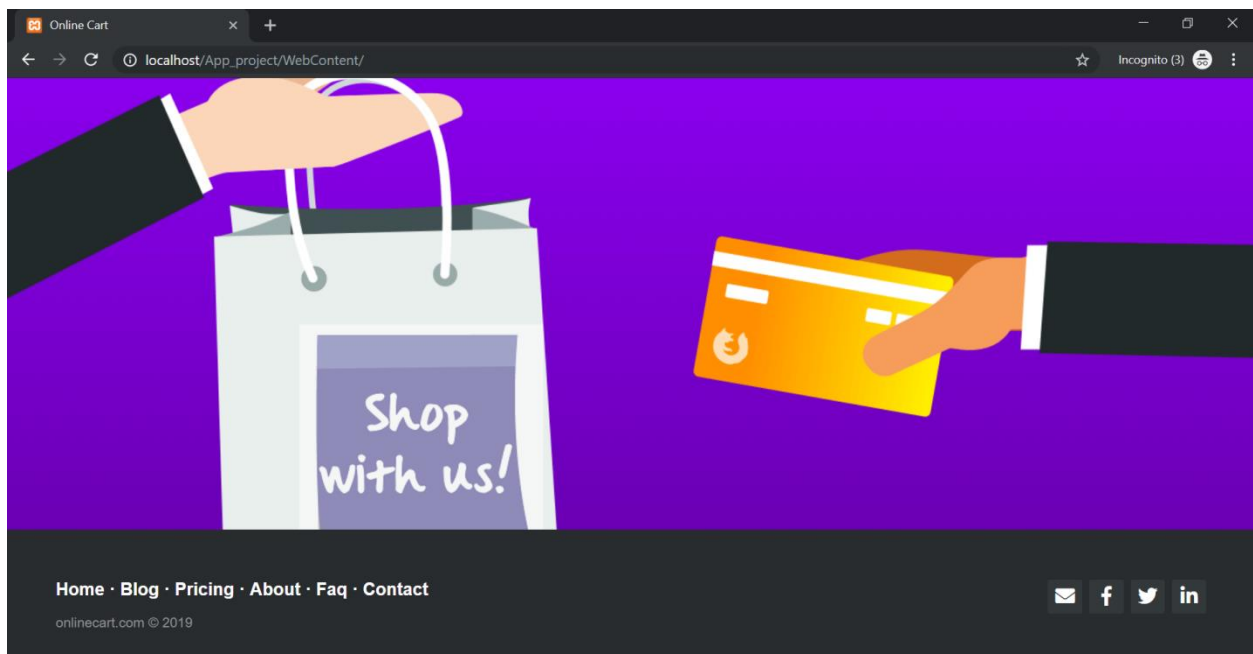
Step 5 :

We had implemented Bootstrap for Navigation Bar.



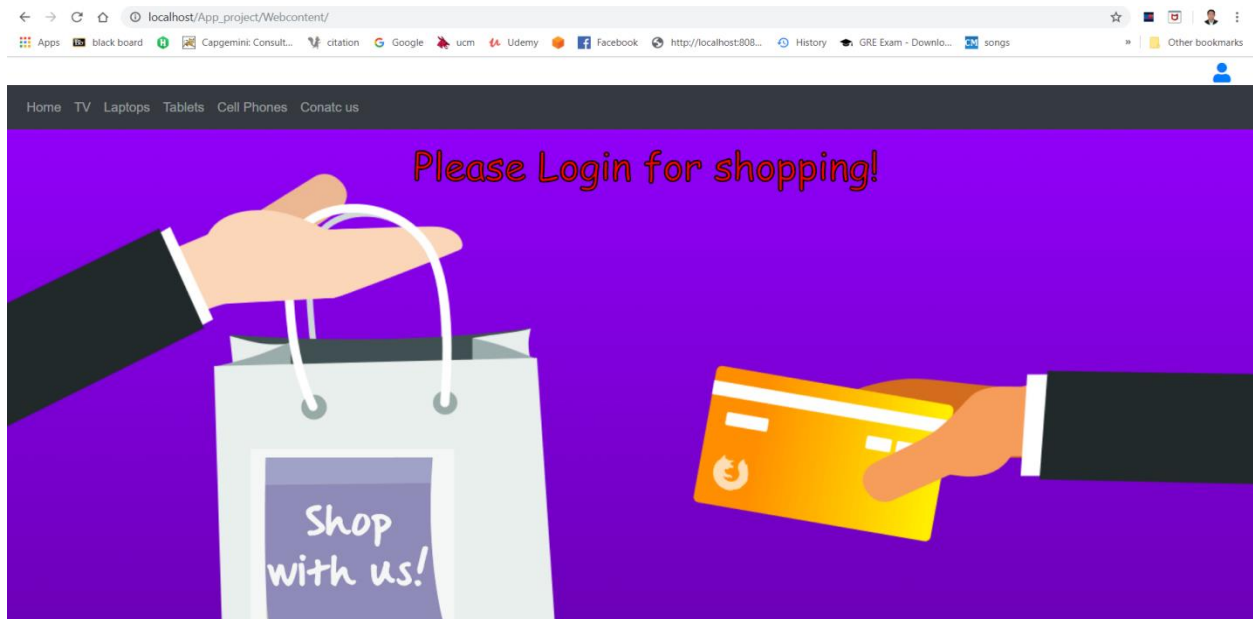
Step 6:

We had implemented the footer by using Bootstrap to import Mailing, Facebook, twitter and LinkedIn connections.



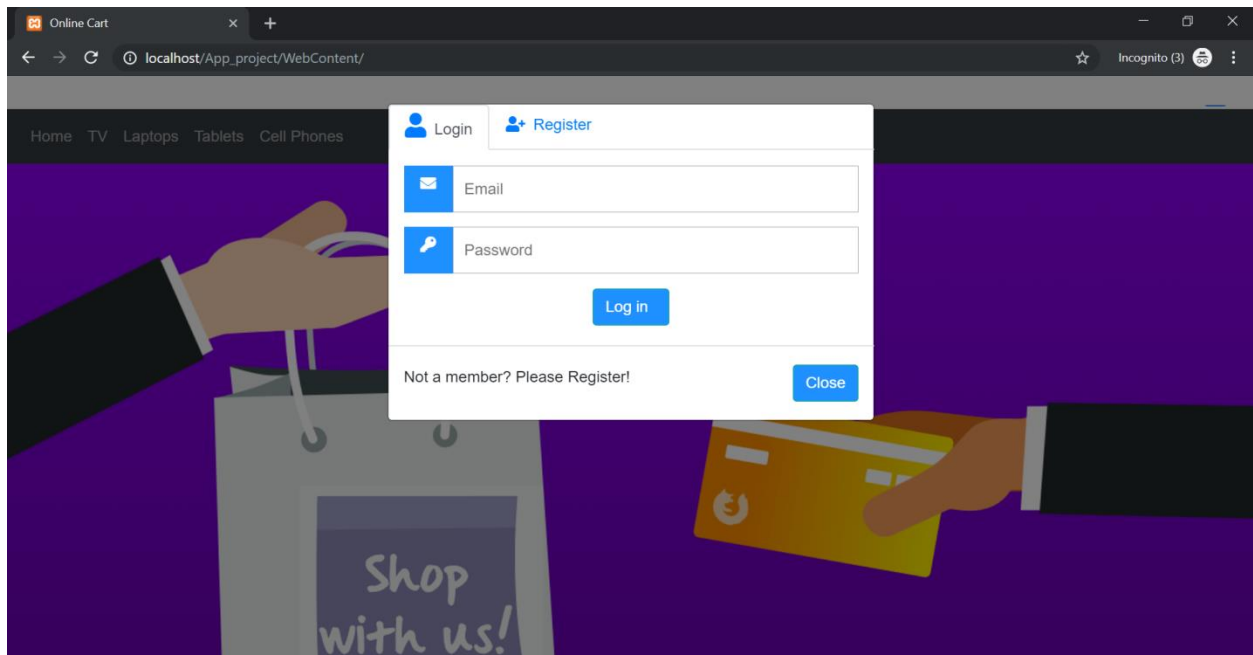
Step 7:

Access the Customer Login or Registering for the first time user by clicking the login icon.



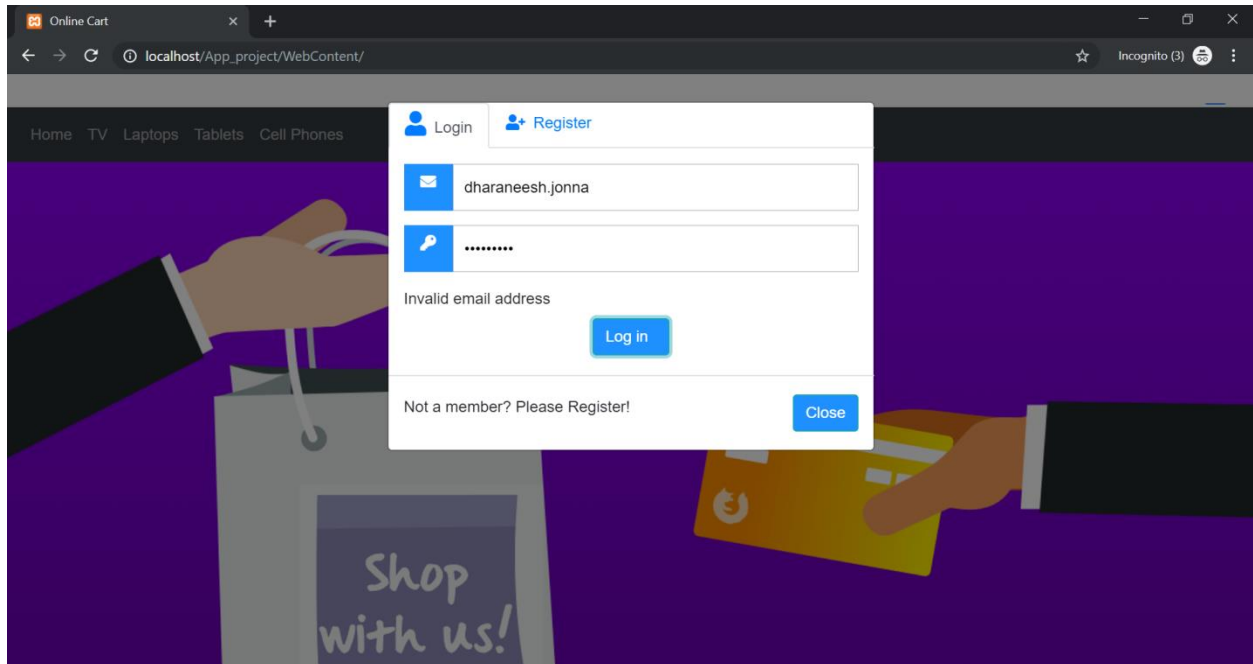
Step 8:

Login page require the Customer registered Email and Password.



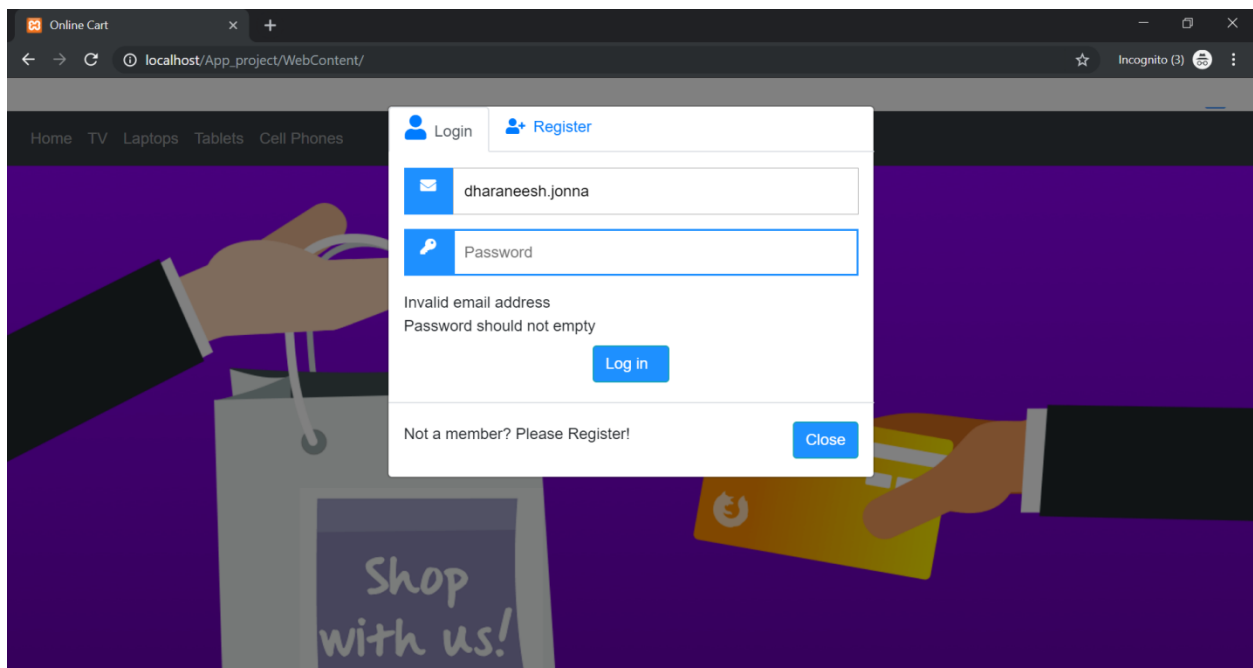
Step 9:

We had enabled check validation if the user is not entering the correct email address. The Error throws “Invalid email address”. To login please make sure to enter a valid email address.



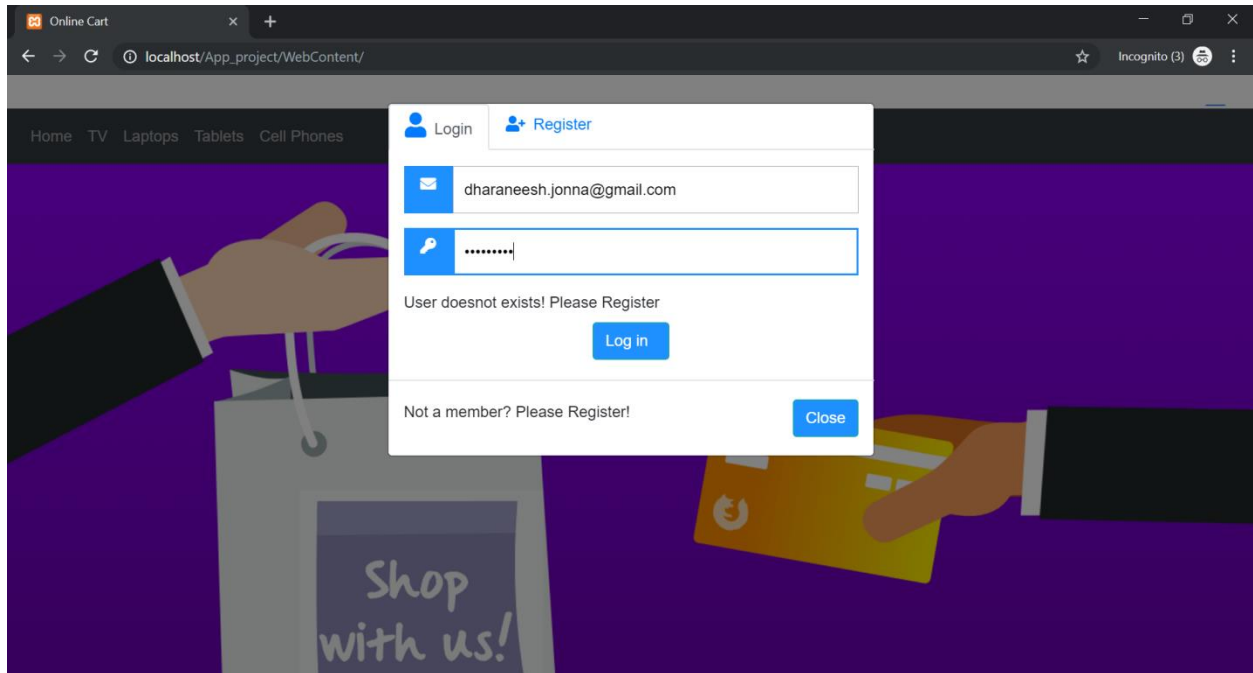
Step 10:

If the user is entering a invalid email address and password is empty a validation message is throwed stating “Invalid email address” and “Password should not be empty”.



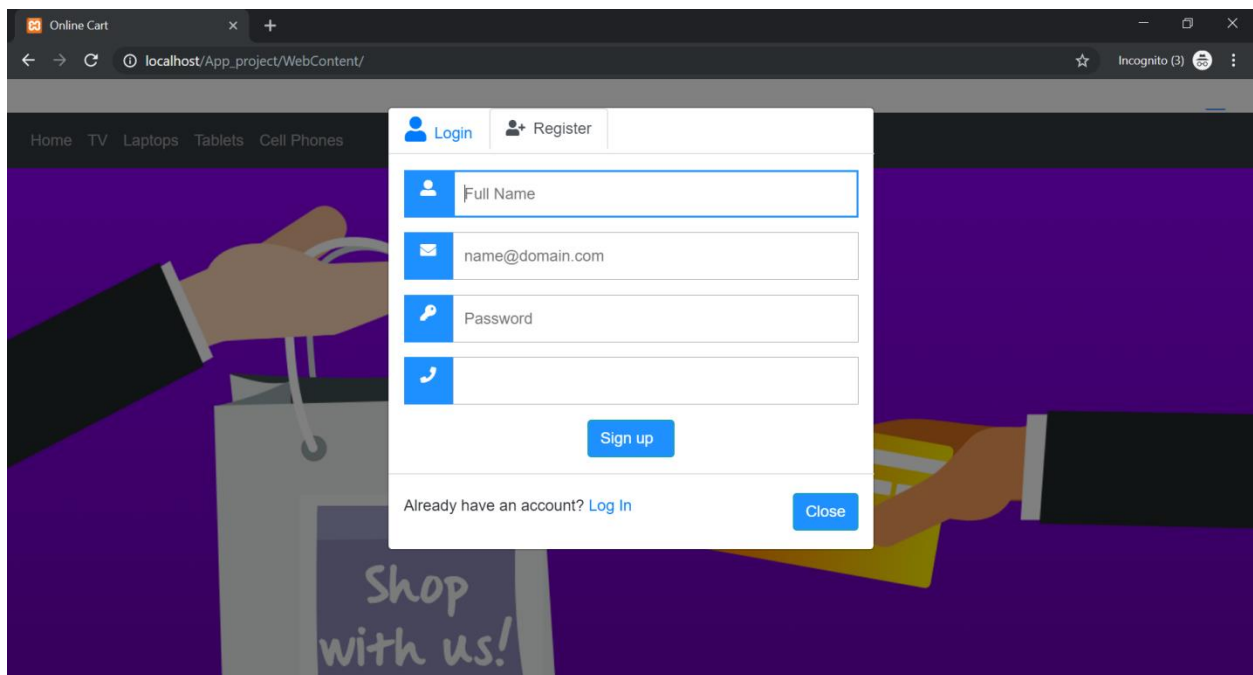
Step 11:

We had implemented the report validation if the user is not registered for the first time and had tried to login without registering It throws a Validation error stating “User does not exists! Please Register”.



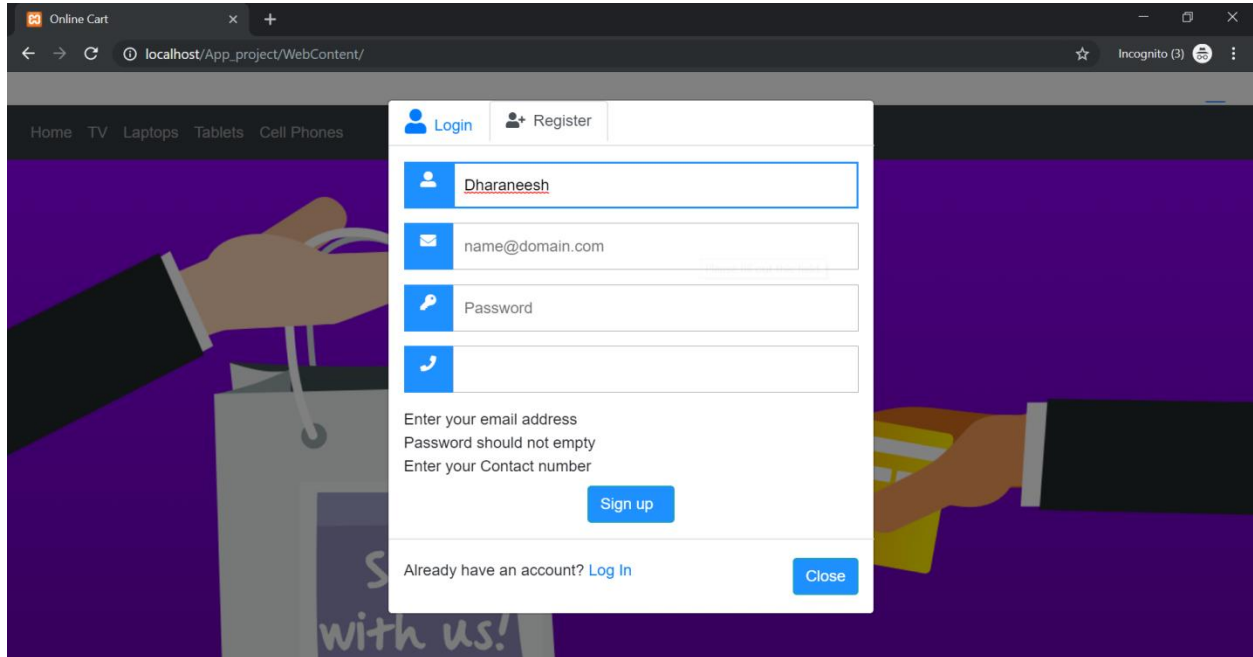
Step 12:

If the customer is registering for the first time please enter the following details full name, email address, password and phone number.



Step 13:

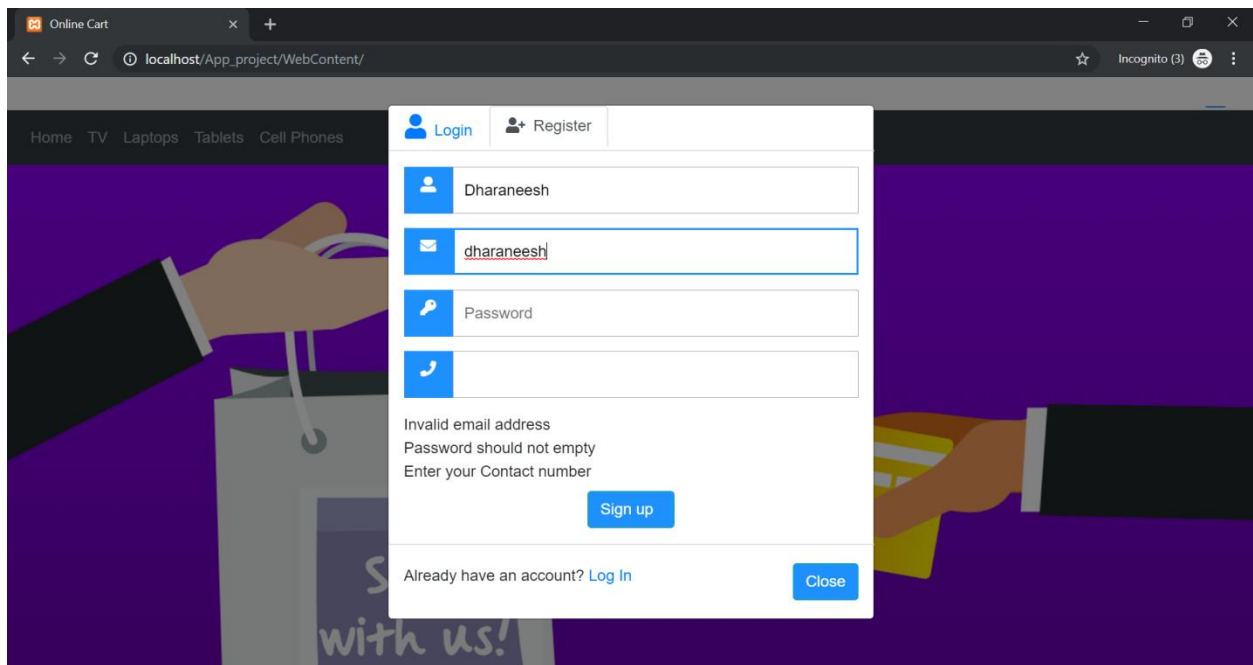
In order to register for the first time the user should fill all the details given if there are any fields not entered or left unfilled the check validation throws an error “ Enter your email address” , “ Password should not be empty “ , “ Enter your Contact number “.



The screenshot shows a web browser window with the URL `localhost/App_project/WebContent/`. The page has a navigation bar with links: Home, TV, Laptops, Tablets, Cell Phones. Below the navigation bar is a registration form titled "Login Register". The form has four input fields: Name (Dharaneesh), Email (name@domain.com), Password, and Contact number. Below the input fields, there are three validation error messages: "Enter your email address", "Password should not empty", and "Enter your Contact number". There is a "Sign up" button and a "Close" button. At the bottom, there is a link "Already have an account? Log In".

Step 14:

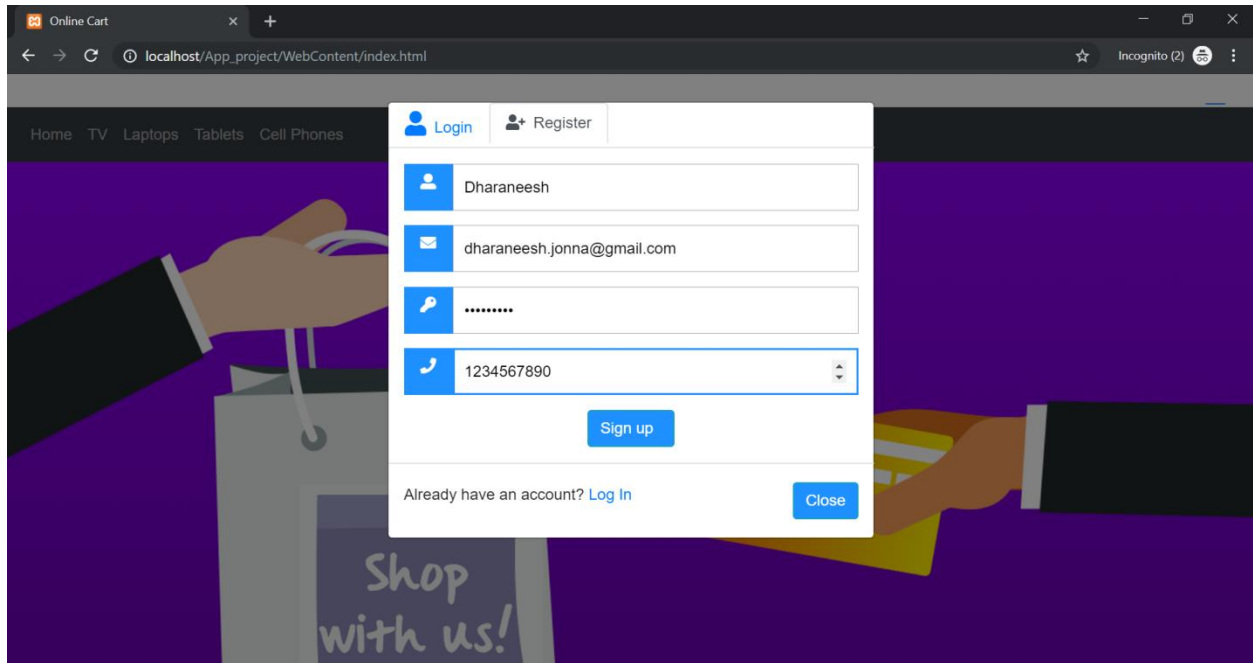
If the user is not giving correct email address the validation throws an error “ Invalid email address “.



The screenshot shows the same registration form as in Step 13, but with a different email address entered: "dharaneesh". The validation error messages are: "Invalid email address", "Password should not empty", and "Enter your Contact number". The "Sign up" and "Close" buttons are still present, along with the "Already have an account? Log In" link.

Step 15:

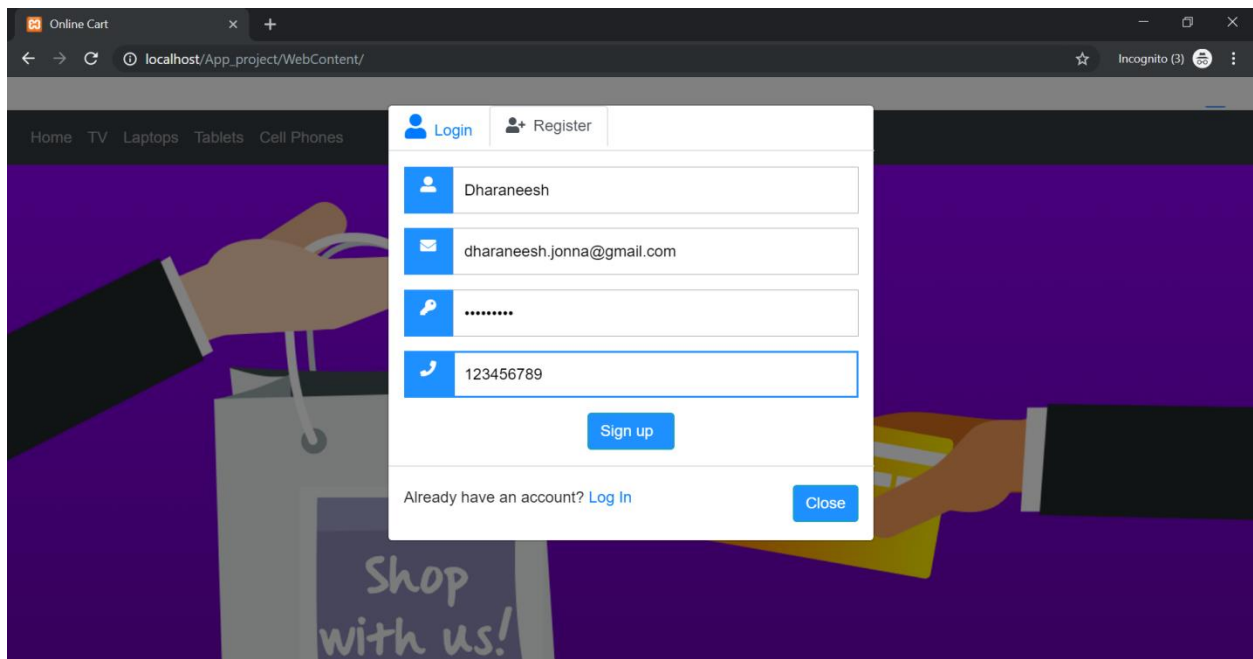
We had used the validation to for the Mobile Number so that the maximum length of the field is 10 digits.



The screenshot shows a web browser window with the address bar displaying 'localhost/App_project/WebContent/index.html'. The page features a navigation bar with links: Home, TV, Laptops, Tablets, Cell Phones. A modal form is open, titled 'Login' and 'Register'. The form contains four input fields: a text field for 'Dharaneesh', an email field for 'dharaneesh.jonna@gmail.com', a password field with masked characters '*****', and a mobile number field with '1234567890'. A 'Sign up' button is located below the mobile number field. At the bottom of the modal, there is a link 'Already have an account? Log In' and a 'Close' button. The background of the page shows a hand holding a shopping bag with the text 'Shop with us!'.

Step 16:

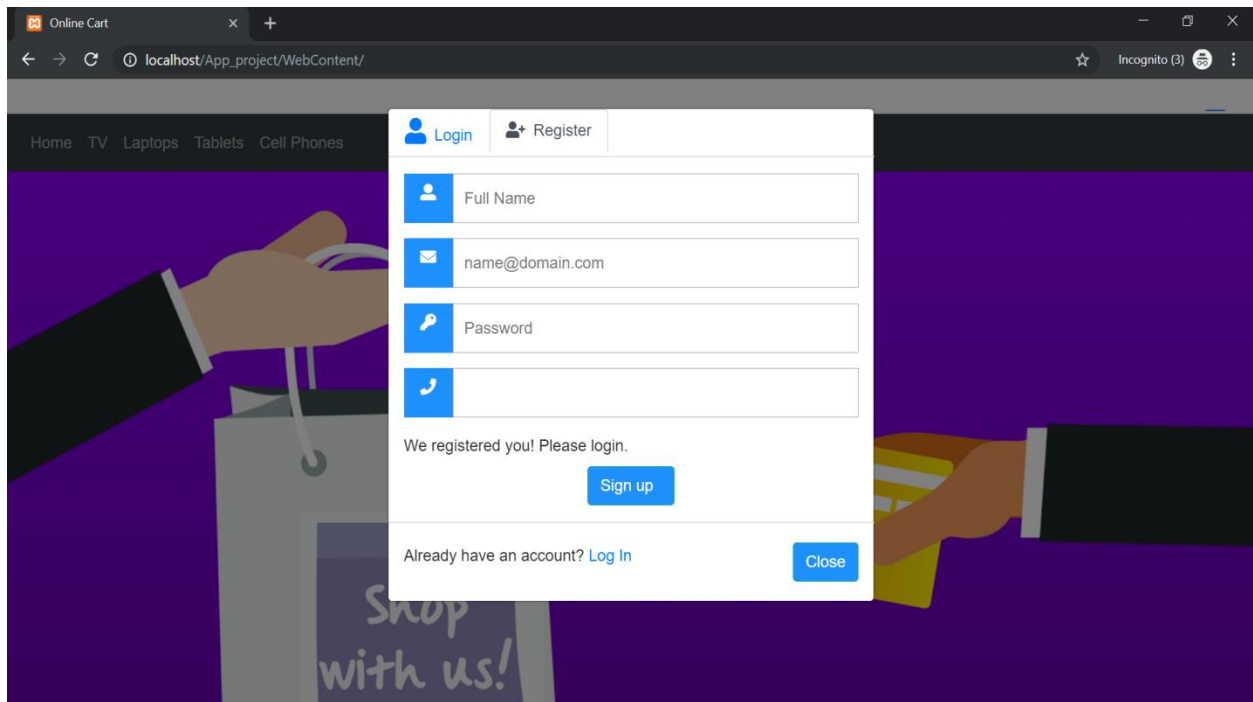
Once the user fills all the given information click the signup option.



This screenshot is identical to the one in Step 15, showing the same registration form in the web browser. The 'Sign up' button is highlighted with a blue border, indicating it is the next step in the process. The form fields and navigation elements remain the same.

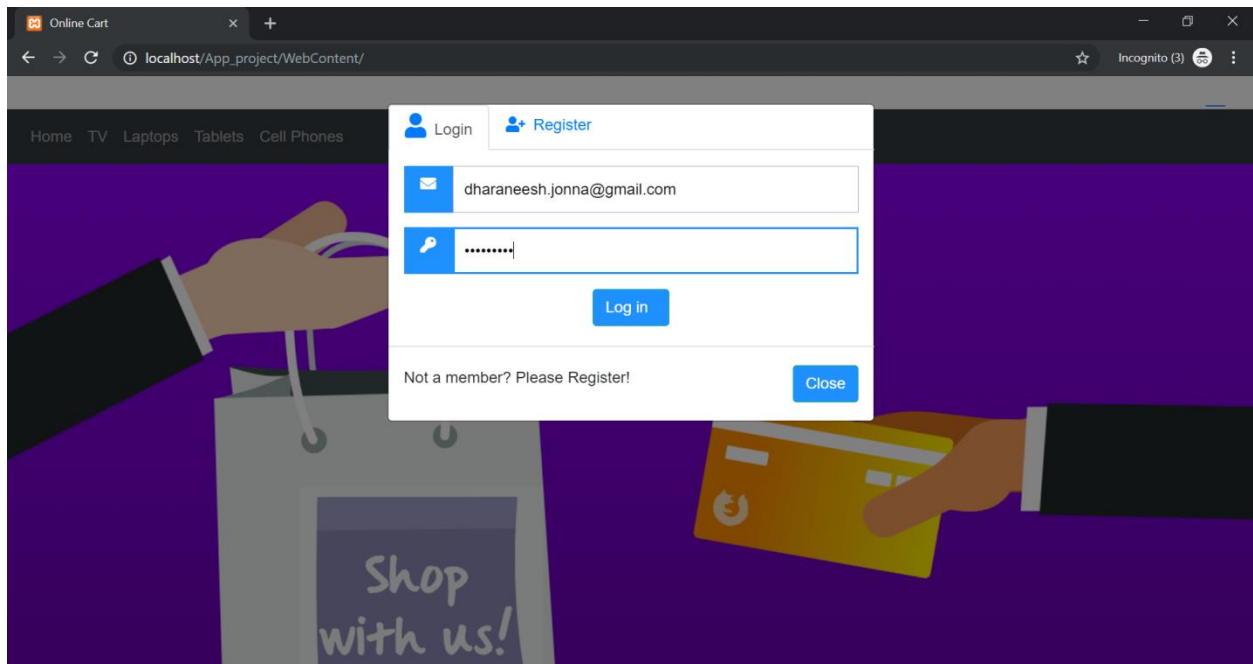
Step 17:

Upon successful registration there is a message displayed “ We registerd you! Please login. “.



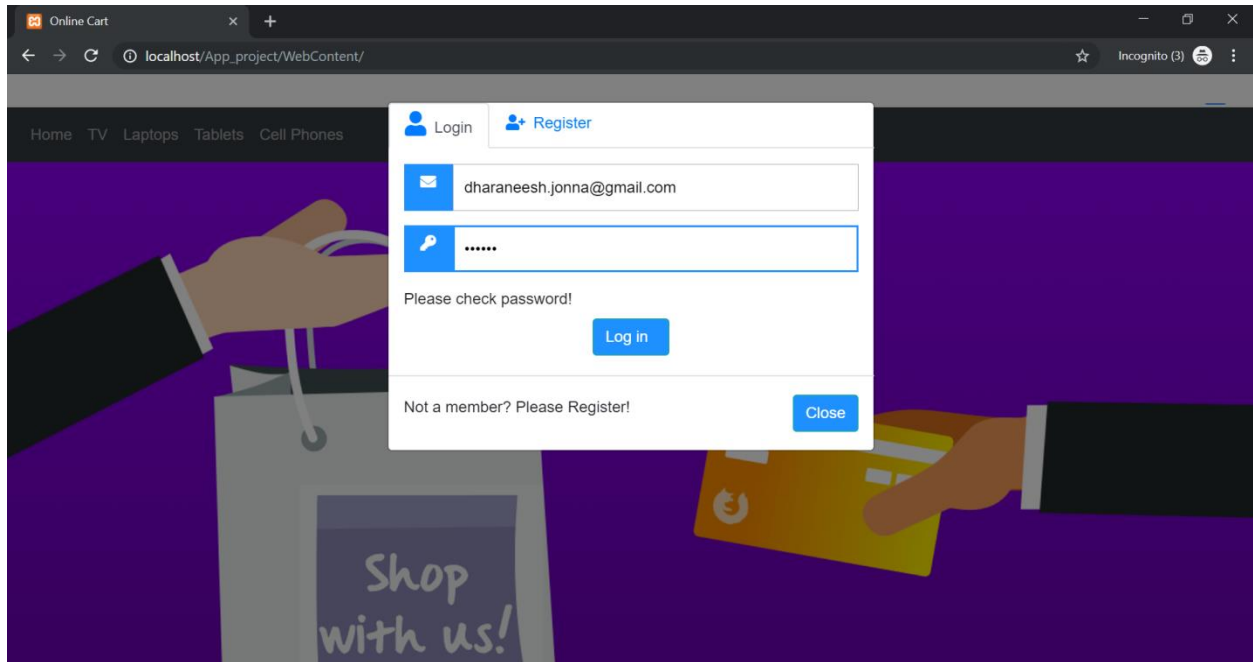
Step 18:

Upon successful registration login with the same user name and password.



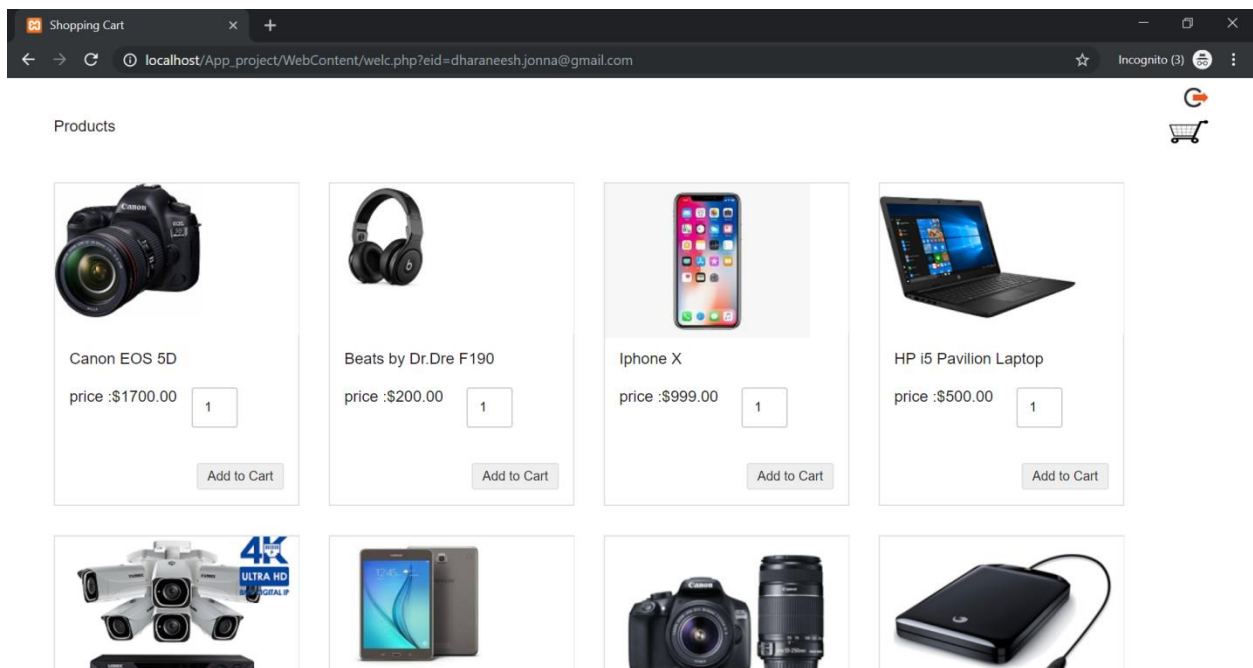
Step 19:

Please make sure to enter the correct password or the validation error throws an error “ Please check password “.



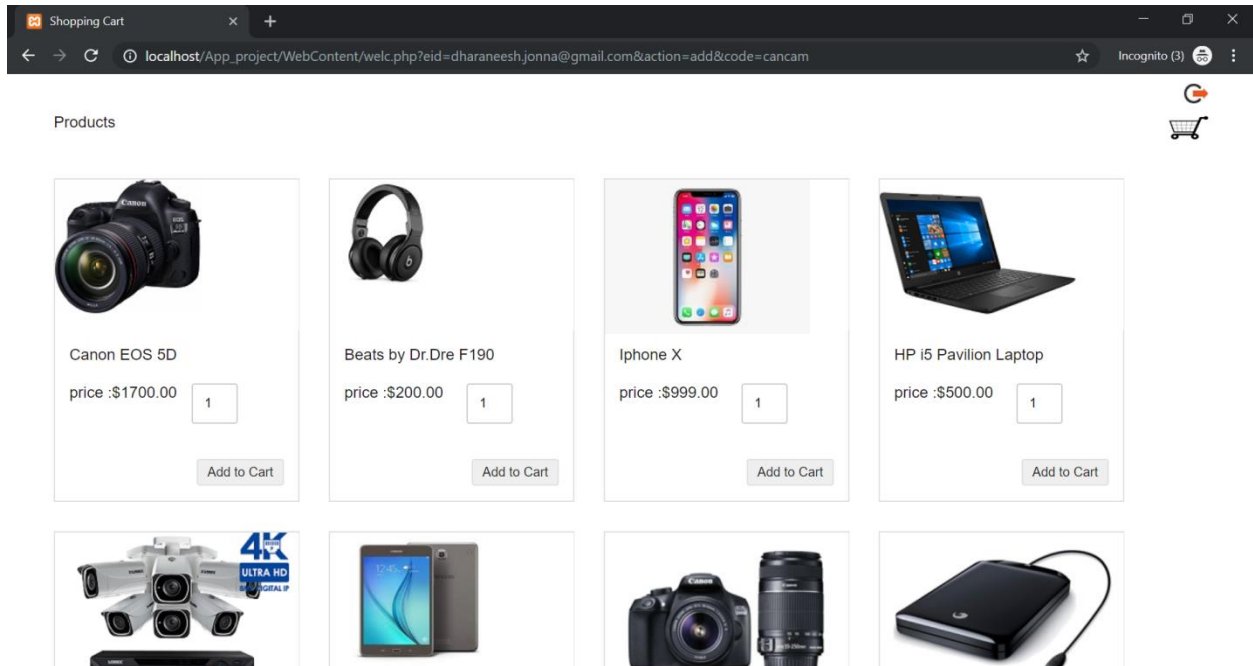
Step 20:

Once the user had logged in to the Product page it displays all the products with price and add to cart options with multiple items to be added to cart.



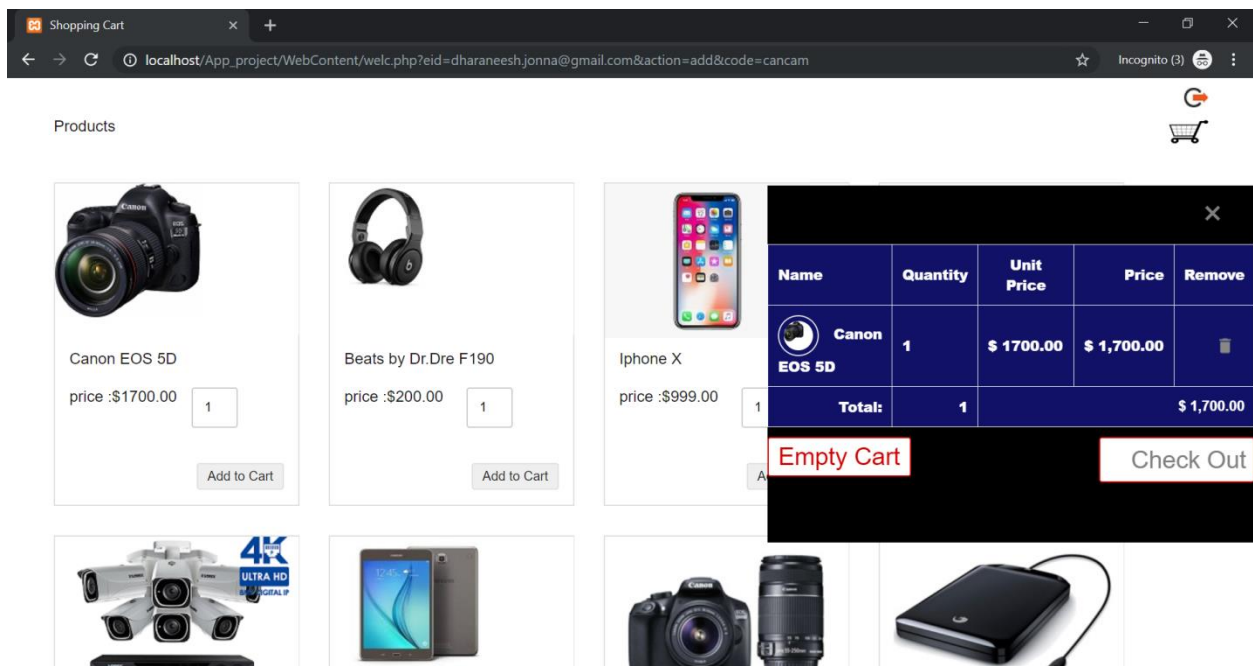
Step 21:

There is a logout option which we had used as sessions and cart options to add the products to the cart at the product page.



Step 22:

Each product has quantity , price and add to cart option.If the customer is selecting the Canon EOS 5D camera for 1 quantity and had added to cart , the cart shows the name of the product , quantity , unit price , price for total quantity and an product to be removed option.



Step 23:

If there are multiple quantity of a single product in cart the unit price gives the price of a single product and the price gives the overall price of the products depending upon the quantities of the product.

The screenshot shows a web browser window with the address bar displaying `localhost/App_project/WebContent/welc.php?eid=dharaneesh.jonna@gmail.com&action=add&code=cancam`. The page title is "Shopping Cart". Below the title, there is a "Products" section with a grid of product cards. The first card is for a "Canon EOS 5D" with a price of "\$1700.00" and a quantity of "1". The other cards in the grid are for "Beats by Dr.Dre F190" headphones, an "Iphone X", a "4K Ultra HD" camera, a tablet, and a lens. A modal window is open on the right side of the screen, showing a table with the following data:

Name	Quantity	Unit Price	Price	Remove
Canon EOS 5D	5	\$ 1700.00	\$ 8,500.00	
Total:	5		\$ 8,500.00	

Below the table, there are two buttons: "Empty Cart" and "Check Out".

Step 24:

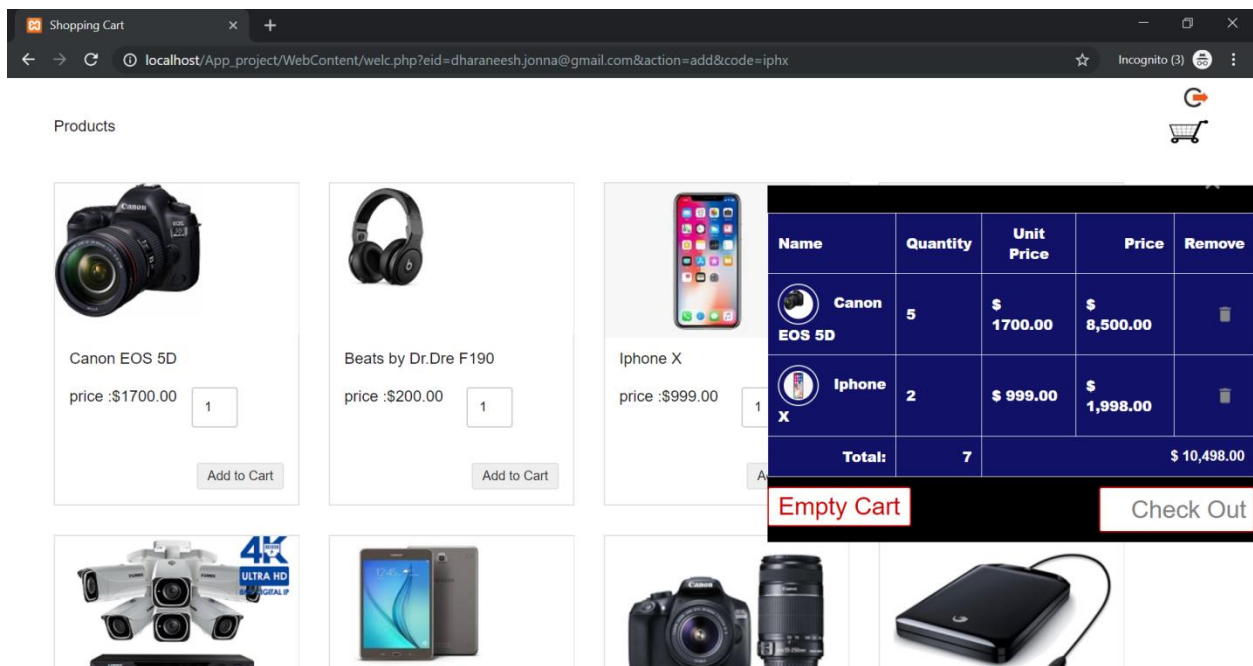
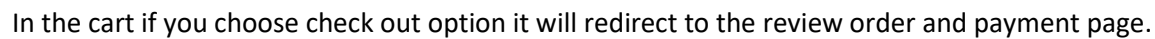
If there are multiple products in cart with multiple quantities the price gives the total price of each product in the cart depending upon the quantity and if multiple products with multiple quantities the total gives the total quantity in the cart and the total price of all the products including the quantity.

The screenshot shows the same web application as in Step 23, but with a different URL in the address bar: `localhost/App_project/WebContent/welc.php?eid=dharaneesh.jonna@gmail.com&action=add&code=iphx`. The "Products" section is the same. The modal window now shows a table with two items:

Name	Quantity	Unit Price	Price	Remove
Canon EOS 5D	5	\$ 1700.00	\$ 8,500.00	
Iphone X	2	\$ 999.00	\$ 1,998.00	
Total:	7		\$ 10,498.00	

Below the table, there are two buttons: "Empty Cart" and "Check Out".

In the cart option if you choose Empty cart the cart will be emptied and if you click the cart icon again it displays “ Your cart is Empty “.



Step 27:

In the review order it gives the review of the products along with the total price.

Shopping Cart

localhost/App_project/WebContent/php-files/payment.php?eid=dharaneesh.jonna@gmail.com

Incognito (2)

Review Order

Name	Quantity	Unit Price	Price
Canon EOS 5D	5	\$ 1700.00	\$ 8,500.00
Iphone X	2	\$ 999.00	\$ 1,998.00
Total:	7		\$ 10,498.00

Contacts us

SYS_OL
+1 292 111 1111
mycart@gmail.com

Shipping Address

Full Name

Email Address

Mobile Number

Address Line

Zip Code

State

Step 28:

In the review page enter the details of yours Full Name, Email Address, Contact Address, Address Line, Zip Code, City. The Email address validation is already given when you had registered with the same email address.

Shopping Cart

localhost/App_project/WebContent/php-files/payment.php?eid=dharaneesh.jonna@gmail.com

Incognito (2)

Review Order

Name	Quantity	Unit Price	Price
Canon EOS 5D	5	\$ 1700.00	\$ 8,500.00
Iphone X	2	\$ 999.00	\$ 1,998.00
Total:	7		\$ 10,498.00

Contacts us

SYS_OL
+1 292 111 1111
mycart@gmail.com

Shipping Address

Full Name

Email Address

Mobile Number

Address Line

Zip Code

State

Payment Option

Name on card

Credit card number

Exp Month:

Exp Year

Step 29:

If the user does not enter the details and try to pay the validation throws an error “ Please Fill out this field”

The screenshot shows a web browser window with the address bar displaying `localhost/App_project/WebContent/php-files/payment.php?eid=dharaneesh.jonna@gmail.com`. The page layout includes a dark blue sidebar on the left with the text "Contacts us", "SYS. OL", "+1 292 111 1111", and "mycart@gmail.com". The main content area is divided into two columns. The left column contains the "Shipping Address" section with fields for "Full Name", "Mobile Number", "Zip Code", and "Payment Option". The "Full Name" field is highlighted with a yellow border and has a red error message icon and text "Please fill out this field." next to it. The right column contains fields for "Email Address", "Address Line", "State", and "Exp Year". The "Email Address" field contains the text "dharaneesh.jonna@gmail.com".

Step 30:

We had kept the maximum field length of 10 for the Mobile Number. So any number exceeding 10 will not be taken.

The screenshot shows a web browser window with the address bar displaying `localhost/App_project/WebContent/php-files/payment.php?eid=dharaneesh.jonna@gmail.com`. The page layout includes a dark blue sidebar on the left with the text "Contacts us", "SYS. OL", "+1 292 111 1111", and "mycart@gmail.com". The main content area is divided into two columns. The left column contains the "Shipping Address" section with fields for "Full Name", "Mobile Number", "Zip Code", and "Payment Option". The "Full Name" field contains the text "Dharaneesh". The "Mobile Number" field contains the text "1234567890". The "Zip Code" field contains the text "64093". The "Payment Option" field is highlighted with a yellow border. The right column contains fields for "Email Address", "Address Line", "State", and "Exp Year". The "Email Address" field contains the text "dharaneesh.jonna@gmail.com". The "Address Line" field contains the text "Warrensburg". The "State" field contains the text "Missouri".

Item	Quantity	Unit Price	Total Price
Canon EOS 5D	5	\$ 1700.00	\$ 8,500.00
Iphone X	2	\$ 999.00	\$ 1,998.00
Total:	7		\$ 10,498.00

Step 31:

For the field Zip Code we had kept the maximum length to 5 digits.

Shopping Cart

iPhone X	2	\$ 999.00	\$ 1,998.00
Total:		7	\$ 10,498.00

Contacts us
SYS_OL
+1 292 111 1111
mycart@gmail.com

Shipping Address

Full Name

Email Address

Mobile Number

Address Line

Zip Code

State

Payment Option

Name on card

Credit card number

Step 32:

Once the customer enters their details it will ask for the payment options where the customers need to enter their payment details in order to place the order.

Shopping Cart

iPhone X	2	\$ 999.00	\$ 1,998.00
Total:		7	\$ 10,498.00

Contacts us
SYS_OL
+1 292 111 1111
mycart@gmail.com

Shipping Address

Full Name

Email Address

Contact Address

Address Line

Zip Code

City

Payment Option

Name on card

Credit card number

Step 33:

After entering the payment details click pay to proceed the transaction.

Shopping Cart

localhost/App_project/WebContent/payment.php?eid=dharaneesh.jonna@gmail.com

123456789

University of Central miss

Zip Code

64093

City

Warrensburg

Payment Option

Name on card

Dharaneesh

Credit card number

1234123412341234

Exp Month

12

Exp Year

2019

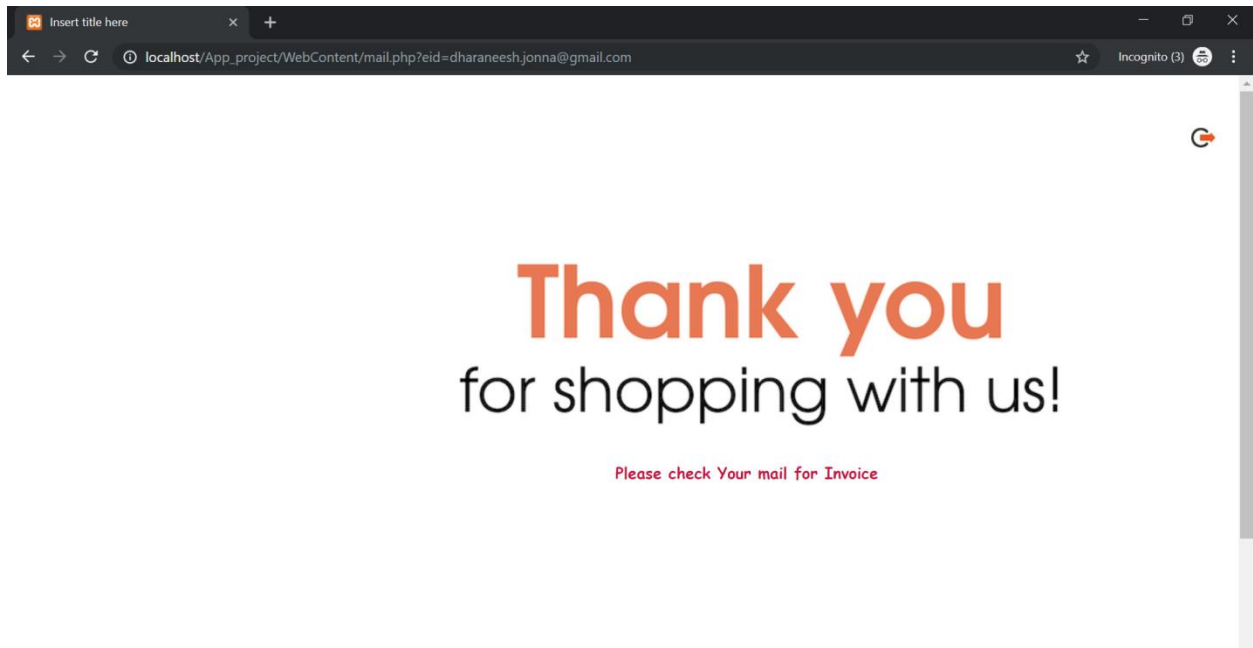
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Pay

Step 34:

Once the payment is proceeded you will get an Invoice to your mail address. Please check your mail for the confirmation.



Step 35:

An email confirmation is sent to the customers registered email upon the payment

