Pizzaria

**Technology or plugin used:-** HTML5, Javascript, Jquery, CSS, Ajax, Lightbox, PHP

**Description:-**

1. **Adding item to cart:**

When you open home.html, you will see all items available in menu. You will have to add items in your shopping cart by clicking on the option ‘Add to Cart’ which is available on the bottom right corner of your favorite item.

After clicking on ‘Add to cart’ option, a modal box will appear in which you will need to enter item details like quantity of a particular item and amount of inches of pizza. Click on ‘ADD’ for adding that item in your shopping cart. You can add as many items as you want.

**In the background:**

Menu items are dynamically displayed. In a data folder there is a menu.json file which contains information regarding every item in a menu like item ID, item Name, item Price for Small size, item Price for Medium size, item Price for Large size, image path for that particular item and item Toppings which that particular pizza contains.

Home.html page first creates image tags as per the data in json file. Onclick event of the image displays a html modal box which takes no of quantity and no of inches as an input and after clicking on ‘ADD’, it saves item’s itemID, itemInches, itemQuantity and itemPrice in forur different arrays.

1. **Going to Cart:**

After clicking on ‘GO TO CART’ option, it will display a table containing all the details of items added in the cart. There is input text box for entering promo code. After entering promo code click on ‘Apply’. If you have a valid promo code, you will get either some percentage of discount or some amount of discount. You can remove a particular item from cart if you want to. And It will display total amount, GST amount, discount if you have a promo code and total amount after all the calculations.

**In the background:**

Click event of ‘GO TO CART’ option will hide the previous menu div and will show the cartDetails div in which it will display all the details after matching the itemID from cart array to the itemID in the menu.json file. There is discounts.json file in which data like promoCode (ID), discountPercentage and discountAmount. Either one of the percentage or amount is set to ‘0’ so that customer will get either of the kind discounts. Remaining details like gst, discount and total amount are displayed after calculating.

1. **Confirmation of Order:-**

Clicking on ‘Confirm Order’ will redirect to another page confirmOrder.html. It will display a thank you message and countdown will start from 30 mins. So that you will know till when your pizza will arrive.

And when count down will reach to 0 mins 0 secs, it display a Sorry message and contact number of Pizzaria so that you will able to communicate with them.

**In the background:**

onClick event of ‘Confirm Order’ will create a final cart array after merging all the four arrays created. It will send a XMLHTTP request to a server for connecting to it and it will send final cart array to process.php. Since PHP is a server scripting language, it will write cart entries as a json input in orders.json file. And success or failure message will be passed back to home.html and it will redirect to confirmOrder.html. ConfirmOrder.html will display Thank you message and a countdown starting from 30 mins in javascript.

**Note:** Since PHP is used for writing into JSON file, you will need to upload the code on server or you can run it on your localhost after installing xampp server or another app which will run PHP code.