CHITKARA UNIVERSITY
PUNJAB

PROJECT REPORT

ONLINE FOOD ORDER

(FA-4 PROJECT)

SUBMITTED BY

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SUBJECT: ADVANCED WEB DEVELOPMENT(CS111)

SUBMITTED TO: Mr. AMIT SHARMA

SECTION: CSE-W

DATE OF SUBMISSION: 26 MAY 2021

INTRODUCTION

Online food ordering is the process of ordering food from a website. This online food ordering system has been developed to override the problems prevailing in the practicing manual system. Every organization, whether big or small, has challenges to overcome and managing information of Categories, Food items, Order, Payment, Confirm Order.

In this online food ordering system, the data of food items have been categorised properly and displayed in an organized and methodical way. All the functioning like Adding item to the cart, removing item from the cart, increasing or decreasing the quantity of the cart items, accordingly updating all the data like total price, total items in cart.

All the data updates properly on each and every action performed by the user. One can visit and check all the items selected and added to the cart and can update it as needed. If needed can check what is the bill of user till that time.

On checkout, one can view the final bill and details of all the items selected along with category and price per item. One can manage the information of order and can change or update the delivery details when needed.

TECH STACK USED: React JS, Bootstrap, CSS, HTML, JS

This online food ordering system,

- Satisfies the user requirements
- Is easy to operate
- Have a good user interface

The project "Online food order system" have been created using React JS and bootstrap majorly. States and props have been used in order to fetch data and provide to all the components. React routing have been used in order to route through the website. UI have been created using Bootstrap and react JS components.

Our project aims at Business process automation, we have tried to computerize various processes of online food ordering system.

CONTRIBUTION OF TEAM MEMBERS

AARCHIE GIRDHAR (1910990235):

Added cart functionality (adding items to cart, removing items, Updating quantity of particular items, Updating total bill accordingly)

Managed to get data available across all the pages

Routing and rendering components according to the current route.

UI of menu items page

DIVYANSHI BAJPAI (1910990278)

Designed Home page using React JS and Bootstrap

Handled Owl carousel functionality using JS and React JS

Added dynamic user reviews using a data file and managed that data accordingly using React JS states and props concept.

RASHMI (1910990273)

Designed the cart page where cart items are visible using React JS class components and Bootstrap.

Managed the Food items data of all categories in a methodical manner.

SOFIA (1910990274)

Designed the checkout page where the details regarding delivery and final bill is displayed.

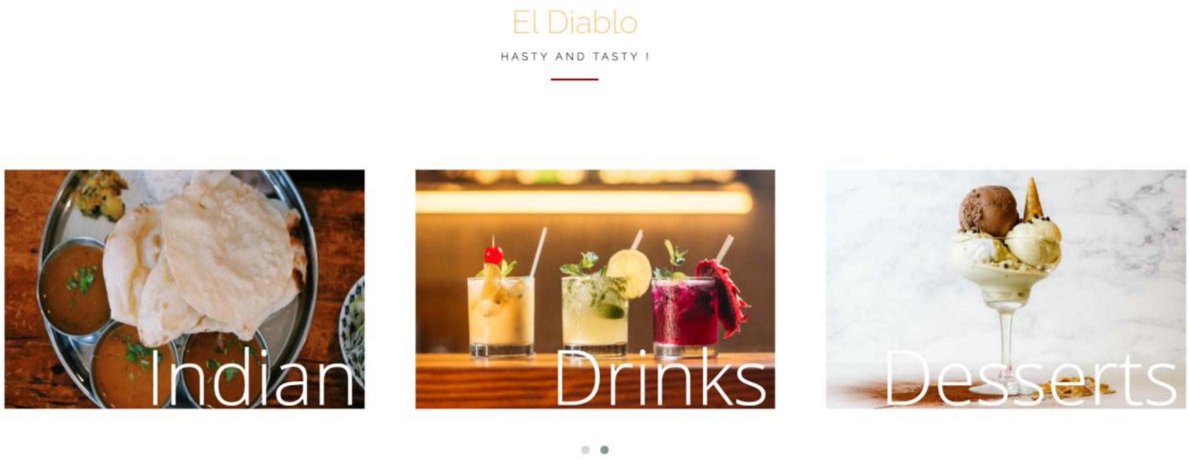
Managed to display the data filled by user on the final order receipt.

Designed the order receipt.

DESIGN PROCESS (STEPWISE IMPLEMENTATION)

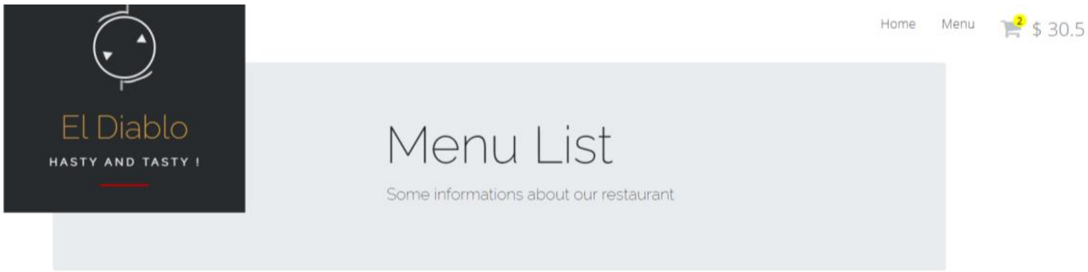
STEP 1: Added owl carousel

Designed the home page and added the functionality of owl carousel where all the categories of Food have been represented using React JS and JS



STEP 2: Navbar

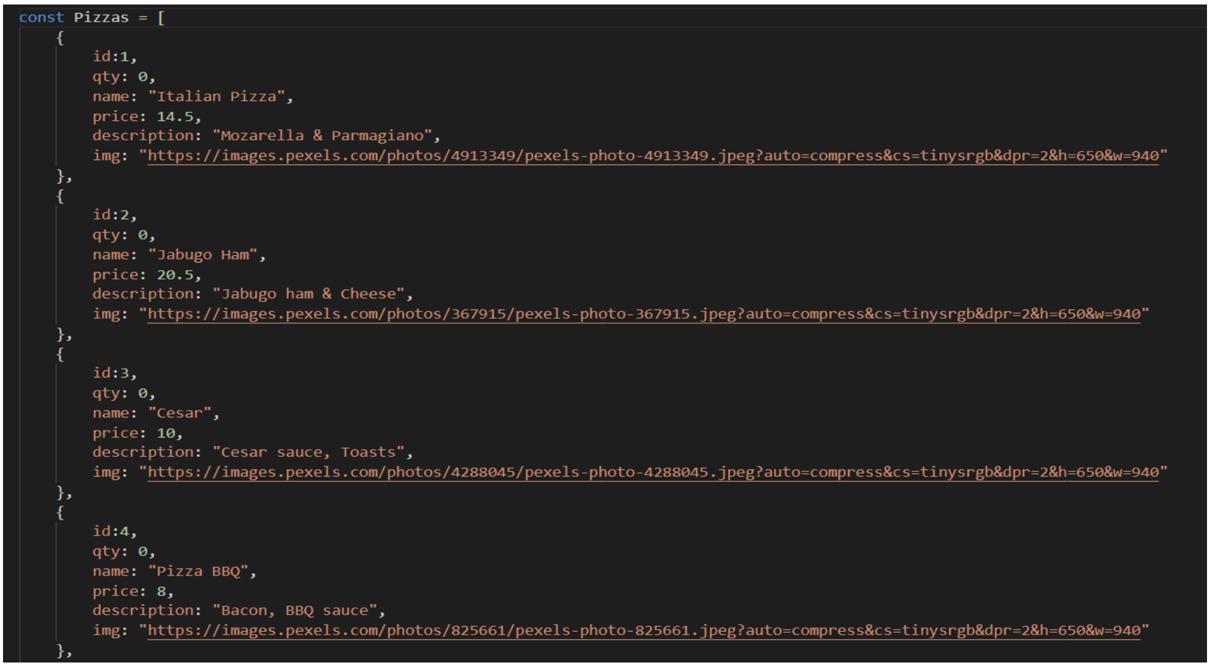
Designed the dynamic navbar using React JS. Data in the navbar like total price till then, total items in cart updates on each and every action performed by user accordingly.



STEP 3: Food items and categories

All the data of food items of different categories displayed from a file data.js where all the data is available.

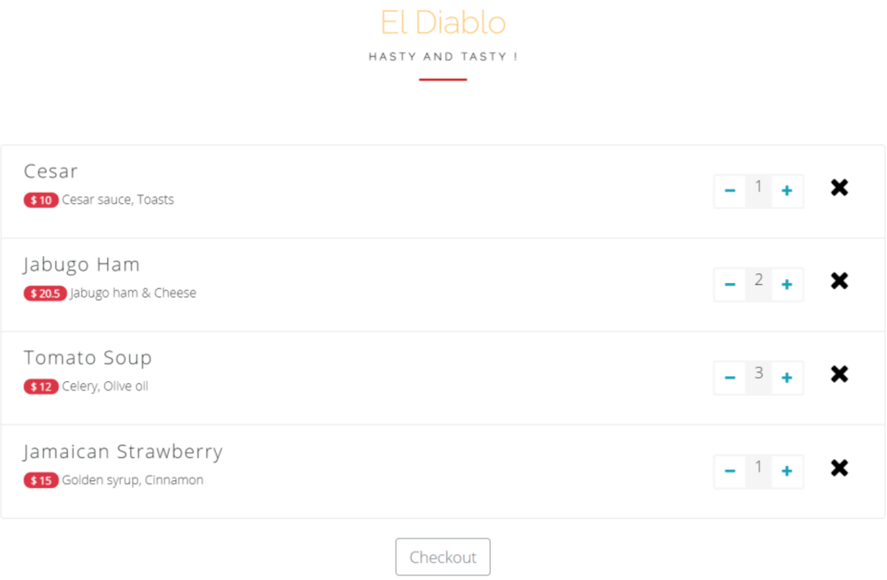
The data made to available there in categories using props and classbased components and importing the data.js file there.



```
const Pizzas = [
    {
        id:1,
        qty: 0,
        name: "Italian Pizza",
        price: 14.5,
        description: "Mozarella & Parmagiano",
        img: "https://images.pexels.com/photos/4913349/pexels-photo-4913349.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940"
    },
    {
        id:2,
        qty: 0,
        name: "Jabugo Ham",
        price: 20.5,
        description: "Jabugo ham & Cheese",
        img: "https://images.pexels.com/photos/367915/pexels-photo-367915.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940"
    },
    {
        id:3,
        qty: 0,
        name: "Cesar",
        price: 10,
        description: "Cesar sauce, Toasts",
        img: "https://images.pexels.com/photos/4288045/pexels-photo-4288045.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940"
    },
    {
        id:4,
        qty: 0,
        name: "Pizza BBQ",
        price: 8,
        description: "Bacon, BBQ sauce",
        img: "https://images.pexels.com/photos/825661/pexels-photo-825661.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940"
    },
```

STEP 4: Cart items

Adding functionality to the cart, like updating the quantity of items accordingly the total bill, adding and removing of items etc.



El Diablo

HASTY AND TASTY !

Cesar
$ 10 Cesar sauce, Toasts — 1 + ✖

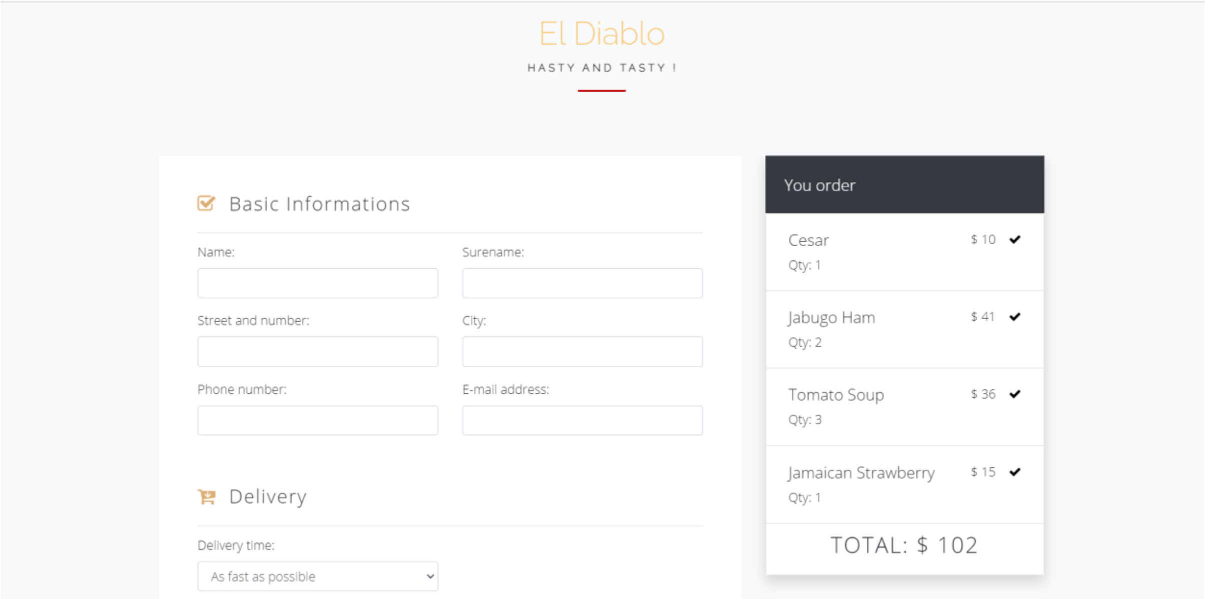
Jabugo Ham
$ 20.5 Jabugo ham & Cheese — 2 + ✖

Tomato Soup
$ 12 Celery, Olive oil — 3 + ✖

Jamaican Strawberry
$ 15 Golden syrup, Cinnamon — 1 + ✖

STEP 5: Checkout page

Added checkout form, for delivery details of user where final bill is displayed as well as the order receipt along with all the details filled by user.



El Diablo

HASTY AND TASTY !

☑ Basic Informations

Name:

Surename:

Street and number:

City:

Phone number:

E-mail address:

Delivery

Delivery time:

As fast as possible

You order

Cesar $ 10 ✓
Qty: 1

Jabugo Ham $ 41 ✓
Qty: 2

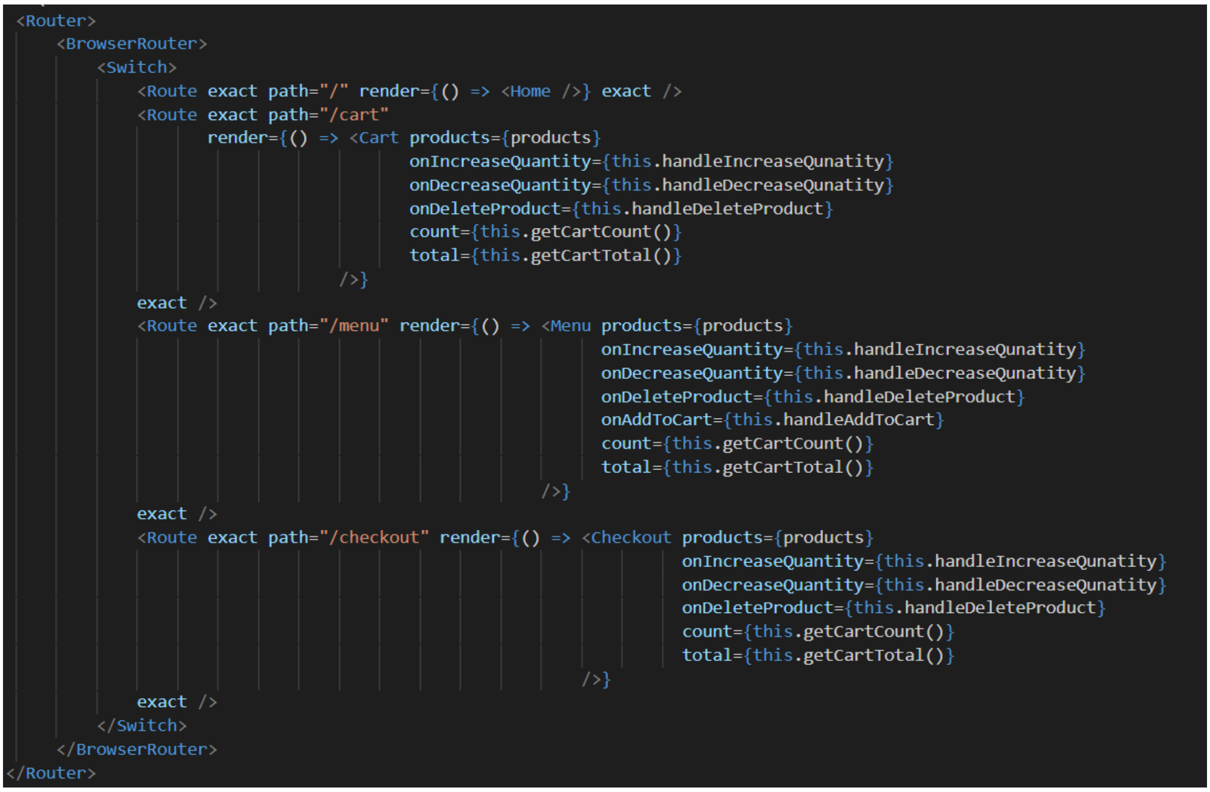
Tomato Soup $ 36 ✓
Qty: 3

Jamaican Strawberry $ 15 ✓
Qty: 1

TOTAL: $ 102

STEP 6: Routing

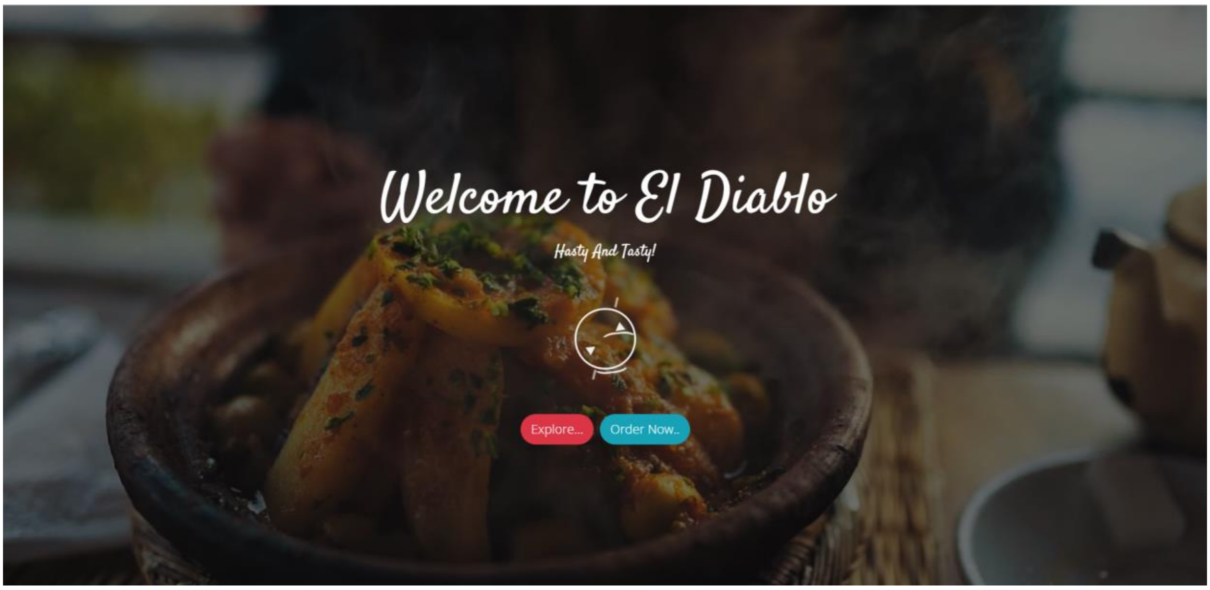
Used React JS Routing property in order to display different pages according to the current route. Made all the data to available across all the pages using states and props and react render property of Routing.



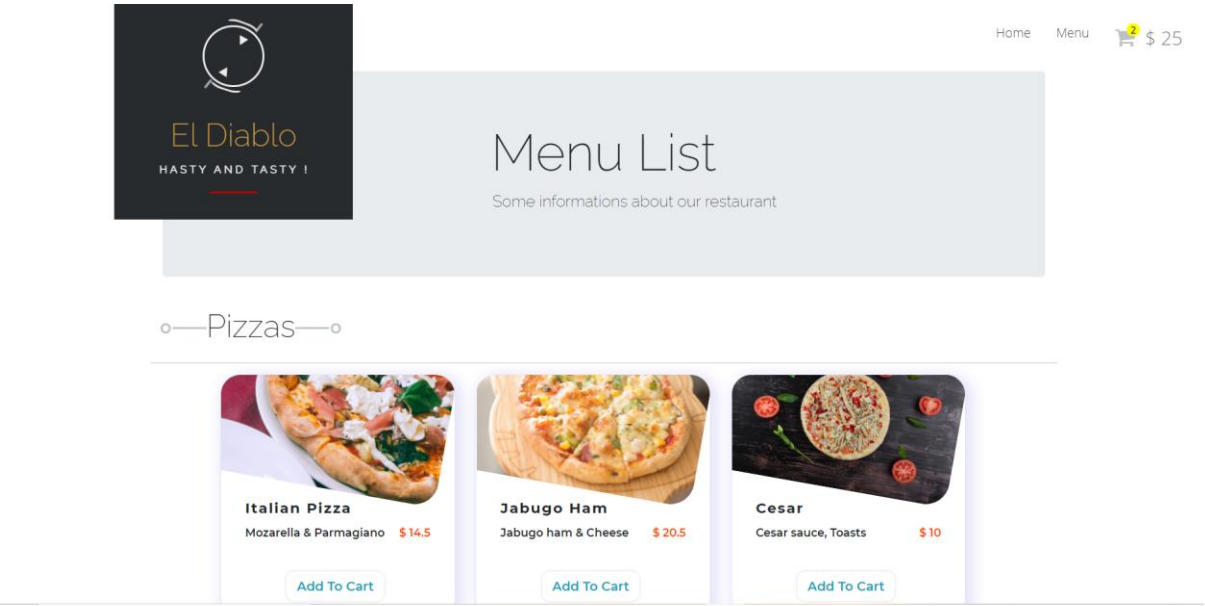
```
<Router>
    <BrowserRouter>
        <Switch>
            <Route exact path="/" render={() => <Home />} exact />
            <Route exact path="/cart"
                   render={() => <Cart products={products}
                                       onIncreaseQuantity={this.handleIncreaseQunatity}
                                       onDecreaseQuantity={this.handleDecreaseQunatity}
                                       onDeleteProduct={this.handleDeleteProduct}
                                       count={this.getCartCount()}
                                       total={this.getCartTotal()}
                                 />}
            exact />
            <Route exact path="/menu" render={() => <Menu products={products}
                                                          onIncreaseQuantity={this.handleIncreaseQunatity}
                                                          onDecreaseQuantity={this.handleDecreaseQunatity}
                                                          onDeleteProduct={this.handleDeleteProduct}
                                                          onAddToCart={this.handleAddToCart}
                                                          count={this.getCartCount()}
                                                          total={this.getCartTotal()}
                                                    />}
            exact />
            <Route exact path="/checkout" render={() => <Checkout products={products}
                                                                  onIncreaseQuantity={this.handleIncreaseQunatity}
                                                                  onDecreaseQuantity={this.handleDecreaseQunatity}
                                                                  onDeleteProduct={this.handleDeleteProduct}
                                                                  count={this.getCartCount()}
                                                                  total={this.getCartTotal()}
                                                        />}
            exact />
        </Switch>
    </BrowserRouter>
</Router>
```

RESULTS

HOME.JS

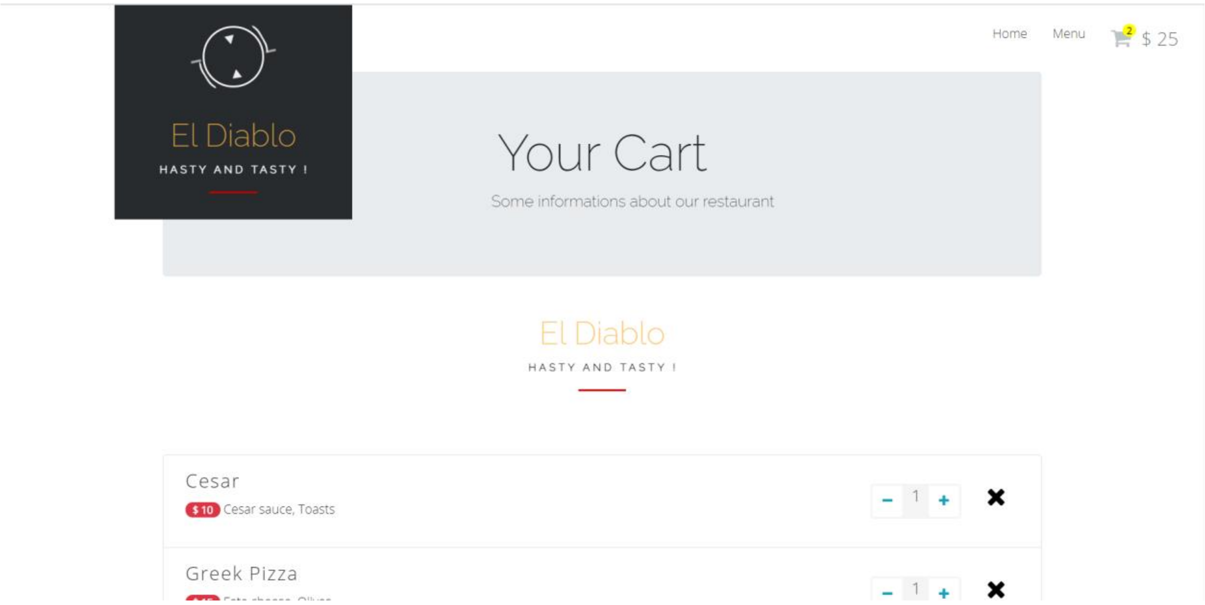


MENU.JS



Some informations about our restaurant

CART.JS



El Diablo
HASTY AND TASTY !

Your Cart

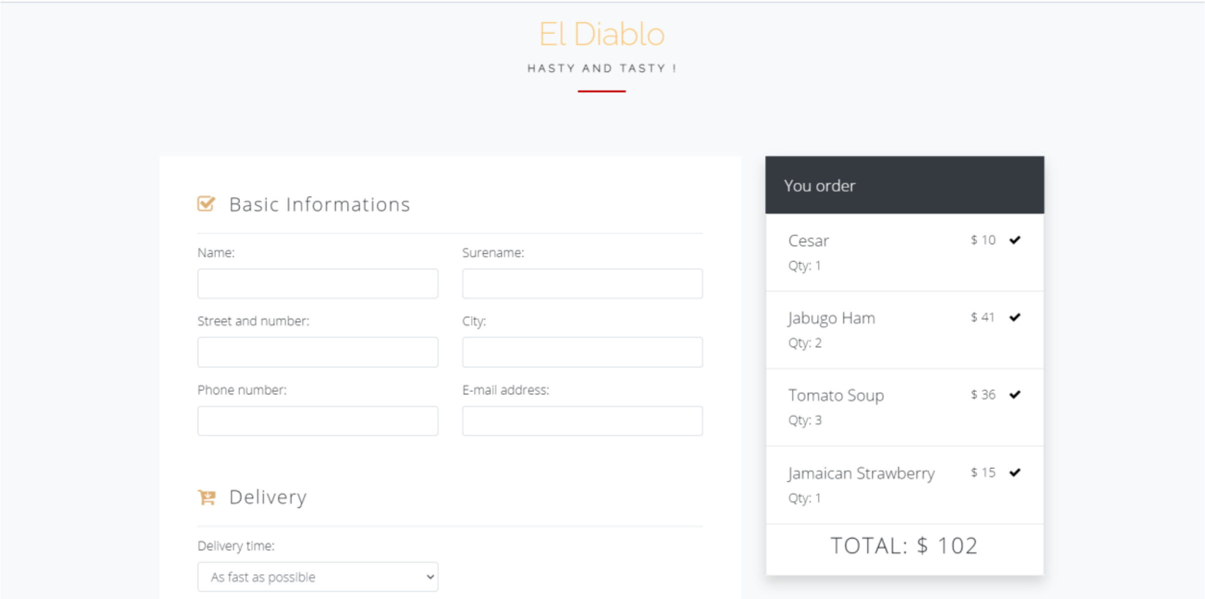
Some informations about our restaurant

El Diablo
HASTY AND TASTY !

Cesar
$ 10 Cesar sauce, Toasts

Greek Pizza

CHECKOUT.JS


El Diablo
HASTY AND TASTY !

☑ Basic Informations

Name:
Surename:
Street and number:
City:
Phone number:
E-mail address:

Delivery

Delivery time:
As fast as possible

You order

Cesar Qty: 1	$ 10 ✓
Jabugo Ham Qty: 2	$ 41 ✓
Tomato Soup Qty: 3	$ 36 ✓
Jamaican Strawberry Qty: 1	$ 15 ✓

TOTAL: $ 102

SUMMARY

The data of food items have been categorised properly and displayed in an organized and methodical way. All the functioning like Adding item to the cart, removing item from the cart, increasing or decreasing the quantity of the cart items, accordingly updating all the data like total price, total items in cart.