

E-commerce website

Introduction:

Ecommerce platforms such as online marketplaces help consumers interact with other consumers who can enlist their own products and execute their own sales. The objective of ecommerce for C2C platforms, enabled by technology, is to authorize consumers to both buy and sell without the interference of companies.

Title of project: Food ordering e commerce website

Objective :

The management of the information regarding item category, food, delivery address, order, and shopping cart is the system's primary goal. It oversees the management of all customer, shopping cart, and item category information. Since the project was entirely developed for the user interface, and everybody is allowed to use whoever is using this platform is assured access. The goal is to develop an application program to simplify managing the food consumer item category. It keeps note of every delivery address requested.

Design thinking:

There are five stages involved in design thinking process. They are:

1. Empathy

This is the first stage of design thinking process. These involves users research, information gathering and expert consulting by getting to know more about the users and their needs. We would also research about existing food ordering platforms already in use and check for how they work, how users use them and likely flaws of the platforms.

2. Define (the problem)

The next stage is the problem definition stage. We put together all the information gathered and analyze the collected data and observations gotten from the previous stage. Through this, we understand what the users want, the problem we want to solve for the targeted and potential customers. Extensive definition of problems blueprints are made which should be clearly and concise to encompass the past, current and future challenges the potential customers will likely to be facing and also the tools needed, the cost of the project and budget.

3. Ideate

Ideation is a creative process where designers generate ideas in sessions (e.g., brainstorming, worst possible idea). It is the third stage in the Design Thinking process. Participants gather with open minds to produce as many ideas as they can to address a problem statement in a facilitated, judgment-free environment.

4. Prototype

The next step is to design a sketch diagram, wireframes and design templates of website and mobile food ordering application. To produce a technical functioning prototype as a solution to solve the users need for food ordering online while implementing the core needs of the users in the prototype.

5. Test

It helps product, design, and development teams evaluate their concepts and prototypes for a solution. It's an experimental and often repeated — stage that creates opportunities to see how customers interact with solutions in real life.

Platform layout:

A website layout is the arrangement of all visual elements on a webpage. Through the intentional positioning of page elements, we can control the relationship between them to better guide the user experience. ensuring our website is user friendly, visually appealing and easy to navigate.

The main goal of a layout is to effectively organize the content so it's clear to the viewer what the key message(s) of the content is, the order of the content pieces in the design, and what the viewer is supposed to search and order the required food from our website

Homepage:

A welcoming introduction to your website. High-quality images of delicious food. A search bar for users to quickly find what they want.

Menu:

Categorized list of food options (e.g., appetizers, main courses, desserts). Brief descriptions and images for each item. Price information.

Ordering System:

An online ordering system that's user-friendly. Quick order placement and payment options. Delivery or pickup choices.

Contact and Support:

Contact information for customer support. Live chat or chatbot for quick replies to user queries.

Food Varieties:

Showcase a wide range of cuisines and dishes. Include dietary preferences (e.g., vegetarian, vegan, gluten free).

User Reviews and Ratings:

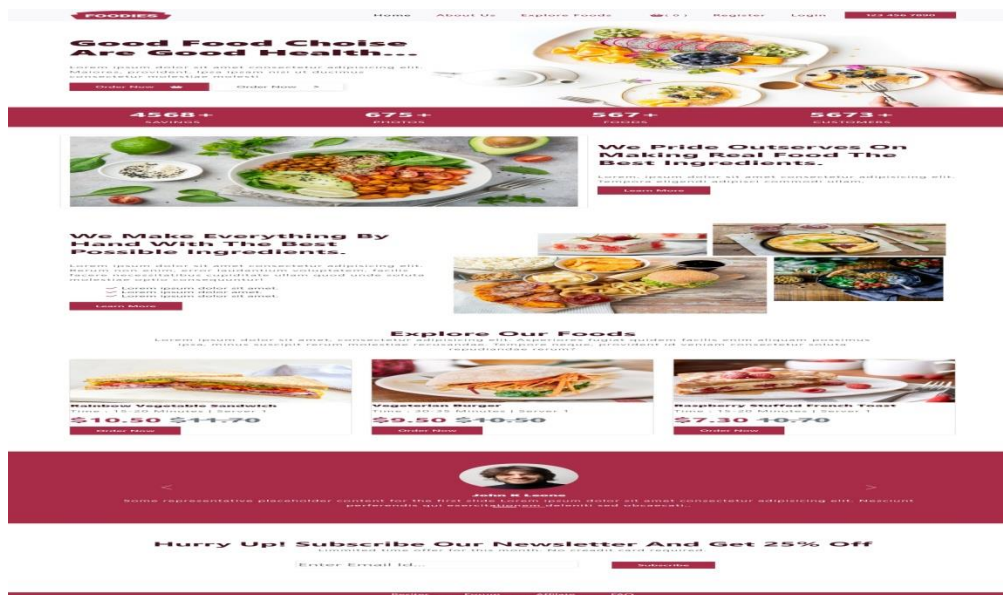
Allow users to leave reviews and ratings for each dish. Build trust through social proof.

Blog or Food Articles:

Publish articles about food, recipes, and culinary tips. Engage users with interesting content.

About Us:

Information about your restaurant or food service. The story behind your passion for food.



Features:

The features of our Food delivery website are:

- Easy and intuitive User Interface

- Real time GPS tracking of delivery
- Curated deals and promotion
- Order scheduling
- Easy payment options

Technical implementation:

```

<html>
<!DOCTYPE html>
<html>
<head>
<title>Delicious Food</title>
</head>
<body><header>
<h1>Welcome to Delicious Food</h1>
<nav>
<ul>
<li><a href="#home">Home</a></li>
<li><a href="#menu">Menu</a></li>
<li><a href="#about">About Us</a></li>
<li><a href="#contact">Contact</a></li>
</ul>
</nav>
</header>
<section id="home">
<h2>Explore Our Tasty Dishes</h2>
<p>Welcome to Delicious Food! We serve a wide range of
delectable dishes to satisfy your cravings.</p>
</section>
<li>Appetizers-chicken nuggets, veg nuggets, paneer tika, mushroom
pepperfry</li>
<li>Main Courses- noodles, briyani, fried rice, parotta</li>
<li>Desserts- gulab jamun, rasahulla, ice cream, kajukati</li>
</ul>
</section>
<section id="about">
<h2>About Us</h2>
<p>Learn about our history and our commitment to providing

```

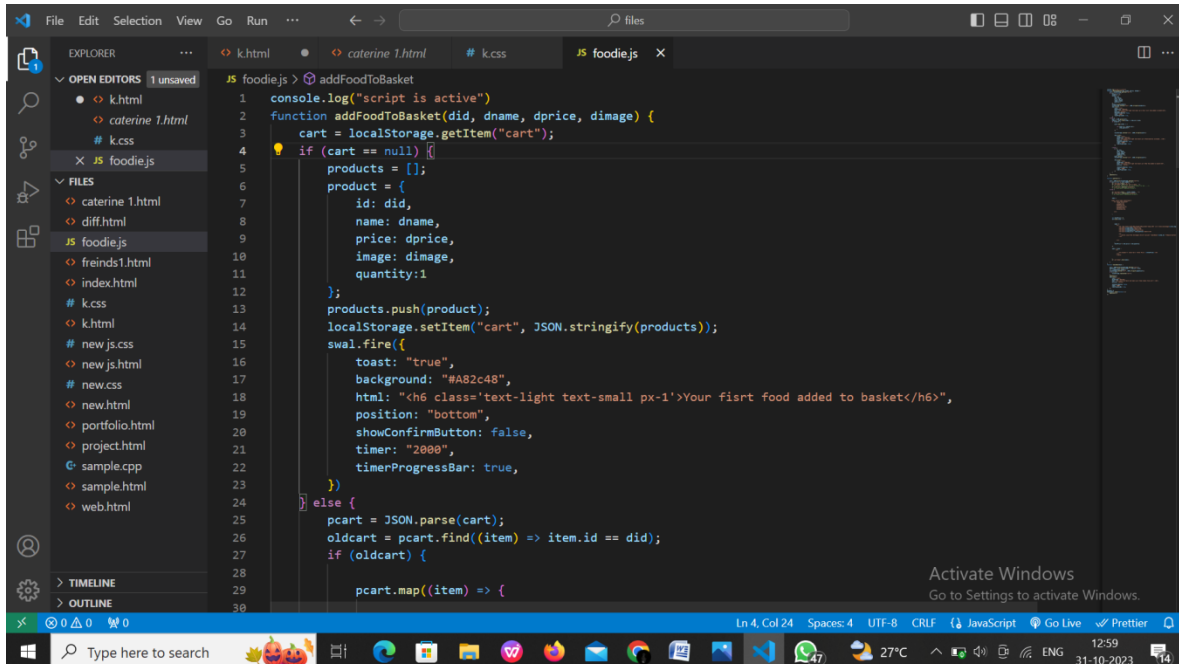
```

the best food in town.</p>
</section>
<section id="contact">
<h2>Contact Us</h2>
<p>If you have any questions or want to make a reservation,
don't hesitate to contact us.</p>
</section>
<footer>
<p>© 2023 Delicious Food</p></footer>
</body>

</html>

```

Javascript representation:



```

1  console.log("script is active")
2  function addFoodToBasket(did, dname, dprice, dimage) {
3      cart = localStorage.getItem("cart");
4      if (cart == null) {
5          products = [];
6          product = {
7              id: did,
8              name: dname,
9              price: dprice,
10             image: dimage,
11             quantity: 1
12         };
13         products.push(product);
14         localStorage.setItem("cart", JSON.stringify(products));
15         swal.fire({
16             toast: "true",
17             background: "#A82C48",
18             html: "<h6 class='text-light text-small px-1'>Your first food added to basket</h6>",
19             position: "bottom",
20             showConfirmButton: false,
21             timer: "2000",
22             timerProgressBar: true,
23         })
24     } else {
25         pcart = JSON.parse(cart);
26         oldcart = pcart.find((item) => item.id == did);
27         if (oldcart) {
28             pcart.map((item) => {

```

This screenshot shows the Visual Studio Code editor with the file `foodie.js` open. The editor is displaying the `removeBook` function, which is responsible for removing an item from the shopping cart. The function uses `localStorage` to retrieve the current cart, filters out the item with the specified `did`, and updates the cart in `localStorage`. It also triggers a toast notification and updates the cart display.

```
143 function removeBook(did) {
144
145     cart = JSON.parse(localStorage.getItem("cart"));
146     updatecart = cart.filter(item => item.id != did);
147     n = `${updatecart.length}`;
148     localStorage.setItem("cart", JSON.stringify(updatecart));
149     if (n == 0) {
150         localStorage.removeItem("cart");
151     }
152     updateCart();
153     swal.fire({
154         toast: "true",
155         background: "#fccc0f",
156         html: "<h6 class='text-dark text-small px-1'>Food remove from cart!! </h6>",
157         position: "bottom",
158
159         showConfirmButton: false,
160         timer: "1000",
161         timerProgressBar: true,
162     })
163 }
164 document.re
165 $(document).ready(function () {
166     updateCart();
167 })
168
```

The Explorer sidebar on the left shows the project structure, including `k.html`, `caterine 1.html`, `k.css`, and `foodie.js`. The status bar at the bottom indicates the current line and column (Ln 4, Col 24) and the file encoding (UTF-8).

This screenshot shows the Visual Studio Code editor with the file `foodie.js` open, displaying the `updateCart` function. This function checks if the cart is empty or if the `cart` variable is null. If empty, it updates the cart count and displays a message. If not empty, it updates the cart count and removes the 'disabled' class from the order button. It also updates the table content with the current cart items.

```
63
64     showConfirmButton: false,
65     timer: "2000",
66     timerProgressBar: true,
67 })
68 }
69
70 updateCart();
71
72 function updateCart() {
73
74     cart = JSON.parse(localStorage.getItem("cart"));
75     if (cart == null || cart.length == 0) {
76         $(".cart-num").html("( 0 )");
77         $(".cart-body").html("Your cart is empty...");
78         // $(".data").html("Select the Disire product for buy ....");
79         $(".order-btn").addClass("disabled");
80         $(".check-btn2").addClass("d-none");
81     } else {
82
83         $(".cart-num").html("( ${cart.length} )");
84         $(".order-btn").removeClass("disabled");
85         // $(".check-btn2").removeClass("d-none");
86
87         table = `
88
89         <table class="table table-hover">
90             <tr class="text-style">
91
92
```

The Explorer sidebar on the left shows the project structure, including `k.html`, `caterine 1.html`, `k.css`, and `foodie.js`. The status bar at the bottom indicates the current line and column (Ln 4, Col 24) and the file encoding (UTF-8).

Good Food Choise Are Good Health...

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SAVINGS

675+
PHOTOS

567+
FOODS

5673+
CUSTOMERS



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[Learn More](#)

Explore Our Foods

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Rainbow Vegetable Sandwich
Time - 15-20 Minutes | Server 1

\$10.50 ~~\$11.70~~

[Order Now](#)

Vegetarian Burger
Time - 30-35 Minutes | Server 1

\$9.50 ~~\$10.50~~

[Order Now](#)

Raspberry Stuffed French Toast
Time - 15-20 Minutes | Server 1

\$7.30 ~~10.70~~

[Order Now](#)

John K Leone

Some representative placeholder content for the first slide. Lorem ipsum dolor sit amet consectetur adipiscing elit. Neque, perferendis qui exerit. [Learn More](#) details and education.

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**Rainbow Sandwich**

Time : 15-20 Minutes | Serve 1

\$5.89 ~~\$6.55~~[Add To Basket](#)**Peperoni Pizza**

Time : 20-25 Minutes | Serve 1

\$8.93 ~~\$10.5~~[Add To Basket](#)**Fried Salad Chicken**

Time : 30-40 Minutes | Serve 1

\$14.00 ~~\$15.55~~[Add To Basket](#)**Green Fried Vegetables Salat**

Time : 20-25 Minutes | Serve 1

\$8.28 ~~\$9.2~~[Add To Basket](#)**Yogurt Rice Bowl**

Time : 10-15 Minutes | Serve 1

\$5.27 ~~\$5.55~~[Add To Basket](#)**Rasbery Chess Sandwich**

Time : 20-25 Minutes | Serve 1

\$7.82 ~~\$9.2~~[Add To Basket](#)

Register Here...

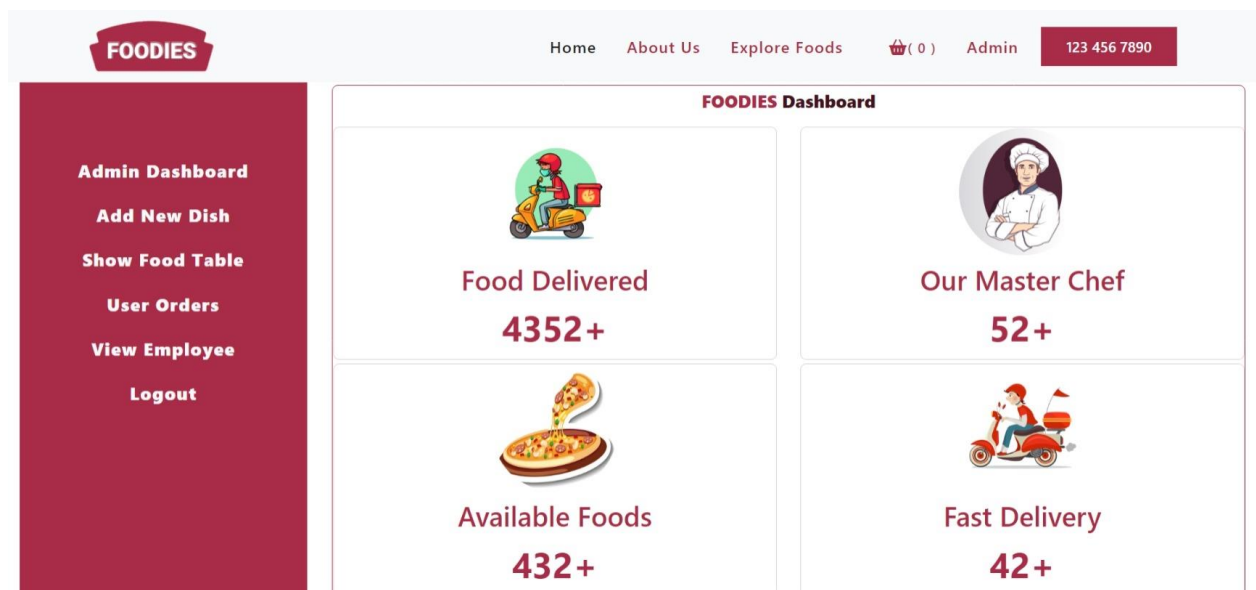
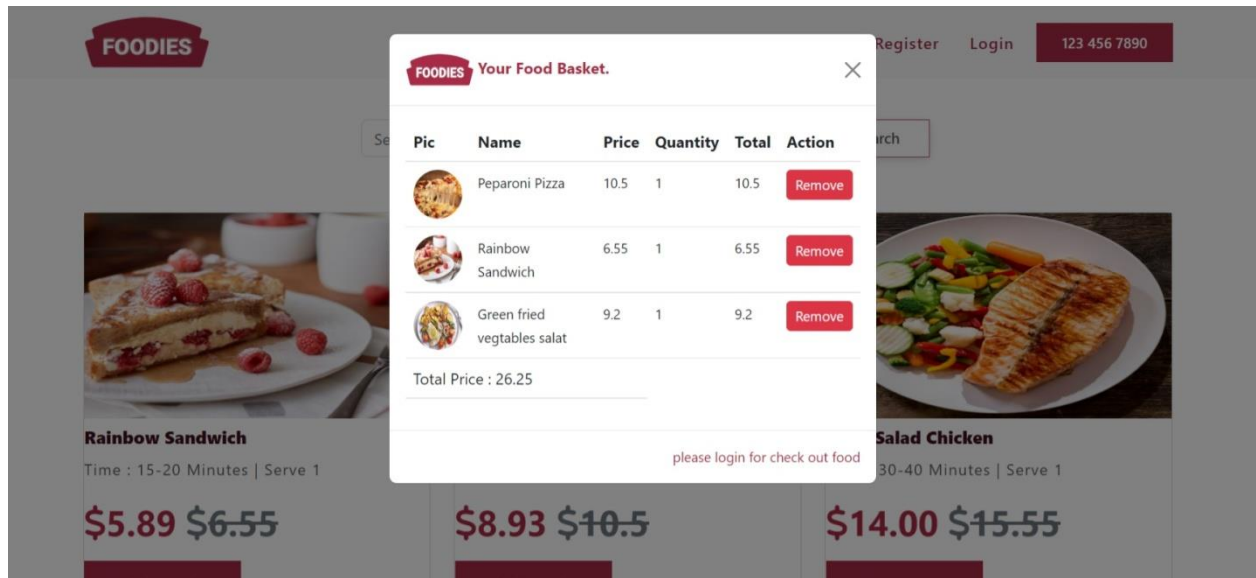
Resiter



Login Here...

Login





FOODIES

HomeAbout UsExplore Foods(0)Admin123 456 7890

Admin DashboardAdd New DishShow Food TableUser OrdersView EmployeeLogout

FOODIES New Dish.

Enter dish name

Enter dish type

Enter dish price

Enter dish serve contity..

Enter required time

Enter discount ...

Food Pic : Choose FileNo file chosen

Add Food

FOODIES

HomeAbout UsExplore Foods(0)RegisterLogin123 456 7890

Admin DashboardAdd New DishShow Food TableUser OrdersView EmployeeLogout

FOODIES New Dish.

New Dish Added!

Dish is added to outr menu card...

OK

Add Food

CONCLUSION:

Thus, the ecommerce application development was created and implemented successfully.

