

Front End Engineering-II

Project Report

Semester-IV (Batch-2022)

Restaurant website



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1. Executive Summary: -

FoodNook is poised to revolutionize the dining experience for food enthusiasts in the digital age. As the culinary landscape evolves, our restaurant website stands out as a beacon of innovation, offering a seamless fusion of delectable cuisine, immersive storytelling, and cutting-edge technology.

At FoodNook, we understand that dining is more than just sustenance; it's an art form that engages all the senses. Our website serves as a virtual gateway to an unforgettable gastronomic journey, inviting visitors to explore our culinary creations, ambiance, and ethos before even stepping foot in our restaurant.

In addition to showcasing our culinary offerings, FoodNook's website serves as a dynamic hub of engagement and interaction. Through features such as online reservations, and interactive menus, we empower visitors to tailor their dining experience to their preferences, ensuring a seamless and personalized journey from anticipation to fulfillment.

2. Introduction

➤ Background:

FoodNook is born from a passion for culinary excellence and a desire to create a dining experience that transcends the ordinary. Founded by a team of seasoned chefs, restaurateurs, and food enthusiasts, our restaurant is a labor of love that seeks to celebrate the art of food in all its forms.

Situated in the heart of a vibrant culinary scene, FoodNook draws inspiration from the rich tapestry of flavors, cultures, and traditions that define our region. From the bustling markets teeming with fresh produce to the hidden gems tucked away in neighborhood eateries, our restaurant embodies the spirit of exploration and discovery that defines our culinary ethos.

At FoodNook, we believe that food is more than just sustenance; it's a form of expression that connects us to our roots, our communities, and each other. Guided by this philosophy, we source the finest ingredients from local farmers, artisans, and producers, ensuring that every dish reflects the bounty of our land and the passion of those who cultivate it.

➤ **Objectives:**

The primary objective of the FoodNook restaurant website is to create an immersive digital platform that enhances the dining experience for our guests and fosters meaningful engagement with our brand.

Showcasing Culinary Excellence: The website will serve as a virtual showcase of our culinary offerings, highlighting the creativity, quality, and diversity of our menu.

Facilitating Seamless Reservations: One of the key functions of the website is to streamline the reservation process, allowing guests to book tables effortlessly online.

Providing Essential Information: The website will serve as a comprehensive source of information about FoodNook, including our location, hours of operation, contact details, and special events.

Engaging with the Community: We aspire to foster a vibrant online community around FoodNook, where food enthusiasts can connect, share, and engage with our brand.

3. Project Planning: -

➤ Scope: -

The scope of the FoodNook restaurant website encompasses a range of features and functionalities aimed at creating a dynamic and immersive online presence that enhances the overall dining experience for our guests

4. Technology Stack: -

➤ React JS: -

React JS is a JavaScript library renowned for its component-based architecture, making it an ideal choice for building modern web applications like e-commerce platforms. By breaking down the user interface into reusable components, React promotes code reusability, simplifies maintenance, and enhances development efficiency.

➤ CSS: -

CSS (Cascading Style Sheets) plays a crucial role in shaping the visual presentation of the e-commerce website developed with React JS. While React handles the functional aspects of the user interface, CSS is responsible for styling elements and defining the overall look and feel of the application. Leveraging CSS, developers can customize fonts, colors, layouts, and other design aspects to create a visually appealing and cohesive user experience.

5. System Design

➤ Component Design: -

The application is divided into several components:

- Header
- Footer
- Main

6. Implementation

➤ Frontend Development: -

React JS is utilized to create a dynamic and responsive user interface. Key libraries and tools used include:

- **useState:** This hook enables functional components to manage state within themselves. It allows developers to declare state variables directly within functional components, eliminating the need for class components solely for state management.
- **useEffect:** This hook enables performing side effects in functional components, such as fetching data, subscribing to events, or manually updating the DOM.

7. Features:

Mobile Responsiveness: Ensure that the reservation form is fully optimized for mobile devices, with a responsive design that adapts to different screen sizes and resolutions. This allows guests to make reservations on the go using their smartphones or tablets.

Homepage Animation: Implement a captivating animation on the homepage to grab visitors' attention and create a memorable first impression. This animation could feature enticing food visuals, subtle movements, or transitions that showcase the restaurant's ambiance and cuisine.

8.Result:

```
JS App.js M X
src > JS App.js > App
17 function App() {
28 }
29 return (
30 <>
31 /*header section starts from here (bharat dhiman)*/
32 <header className="header">
33   <h1>
34     <span className="logo-f">F</span><span className="logo-n">N</span>ook
35   </h1>
36   <ul>
37     <li>
38       <a href="/">Home</a>
39     </li>
40     <li>
41       <a href="#about-section">About</a>
42     </li>
43     <li>
44       <a href="#Category">Category</a>
45     </li>
46     <li>
47       <a href="#menu_food">Menu</a>
48     </li>
49     <li>
50       <a href="#testimonials">Testimonial</a>
51     </li>
52     <li>
53       <a href="#contact">Contact</a>
54     </li>
55   </ul>
56 </header>
57 /*header section ends here (bharat dhiman)*/
58 /*top section starts from here (bharat dhiman)*/
```

```
JS App.js M X
src > JS App.js > App
17 function App() {
99   </div>
100   /* <div class="aboutus-image-right">
101     <img src={aboutus-right-image} alt="" />
102   </div> */
103 </div>
104 </section>
105 /*bharat section completed*/
106 /*ashutosh code starts*/
107 <main>
108   <section id="Category">
109     <div className="first_container">
110       <h1 className="food_type">TYPES OF FOOD</h1>
111       <br />
112       <br />
113       <div className="types">
114         <div className="fruits">
115           <img src={fruit} alt="" />
116           <div className="overlay"> FRUITS</div>
117         </div>
118         <div className="vegetable">
119           <img src={vegetables} alt="" />
120           <div className="veg">VEGETABLES</div>
121         </div>
122         <div className="cereals">
123           <img src={cereals} alt="" />
124           <div className="cer">Grin</div>
125         </div>
126       </div>
127     </div>
128   </section>
129   <section id="menu_food">
```



```
JS App.js M X
src > JS App.js > App
17 function App() {
244 </div>
245 </section>
246 <section style={{padding:"100px"}}>
247 <div style={{display:"flex", justifyContent:"center",}}>
248 <div style={{background:"black", padding:"30px", width:"30%", marginRight:"100px"}}>
249 <div style={{background:"black", padding:"30px", fontWeight:"600", border:"2px #AF9923 dashed", display:"flex", justifyContent:"ce
250 <div style={{color:"#fff", fontSize:"35px"}}>Time Open</div>
251 <div style={{color:"#AF9923", fontSize:"25px", marginTop:"20px"}}>Monday-friday</div>
252 <div style={{color:"#fff", fontSize:"15px", marginTop:"20px"}}>7am - 11am (breakfast)</div>
253 <div style={{color:"#fff", fontSize:"15px"}}>1am - 10am (Lunch/Dinner)</div>
254 <div style={{color:"#AF9923", fontSize:"25px", marginTop:"20px"}}>Saturday and Sunday</div>
255 <div style={{color:"#fff", fontSize:"15px", marginTop:"20px"}}>9am - 1am (breakfast)</div>
256 <div style={{color:"#fff", fontSize:"15px"}}>1am - 10am (Lunch/Dinner)</div>
257 <div style={{color:"#fff", fontSize:"18px", borderTop:"3px solid white", width:"90%", textAlign:"center",marginTop:"20px", pad
258 </div>
259 </div>
260 <div style={{background:"", padding:"0px", width:"40%}}>
261 <div style={{background:"", padding:"30px", fontWeight:"600", display:"flex", justifyContent:"center", alignItems:"center", flexDi
262 <div style={{color:"#AF9923", fontSize:"35px"}}>RESERVATION ONLINE</div>
263 <div style={{display:"flex", justifyContent:"space-around", width:"100%", alignItems:"center", marginTop:"20px"
264 </div>
265 <span>Your Name:</span>
266 <input placeholder='your name' style={{padding:"10px"}}></input>
267 </div>
268 <div style={{display:"flex", justifyContent:"space-around", width:"100%", alignItems:"center", marginTop:"20px"
269 </div>
270 <span>Your email:</span>
271 <input placeholder='your email' style={{padding:"10px"}}></input>
272 </div>
273 <div style={{display:"flex", justifyContent:"space-between", width:"82%", alignItems:"center", marginTop:"20px"
274 </div>
```





Contact Us

Restaurant © all rights reserved

What Our Customers Say



Ross Lee

"Ah, the brunch salad, a symphony of freshness and flavor! Each bite is like a culinary adventure, with crisp greens mingling harmoniously with an array of vibrant veggies and tantalizing toppings."



TYPES OF FOOD



Food Menu

9. Reference:

1. <https://colorlib.com/wp/cat/restaurant/>
2. [MDN](#)