Technical Career Education Private Limited

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Full Stack Development Skill Lab Course

PROJECT REPORT

2022 - 23

FOOD RECIEPE WEBSITE

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CONTENTS

Project Overview

1. **Introduction**

2. **Problem Statement**

3. **Solution**

   3.1 System requirements for the project.

   3.2 Flowchart of the project.

   3.3 Frontend

   3.4 Backend

4. **Conclusion/Outcome:**

5. **Reference List**

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Project Overview

Problem Statement	Recipe Application: Build a recipe application using MERN stack that allows users to search for recipes, save their favourite recipes, and share recipes with friends.
Solution Proposed *(video Link)*	https://drive.google.com/file/d/1hjfJusgMtERGq5FkVQBluU93HmASuIqR/view?usp=sharing
Link to the final Challenge presentation	https://drive.google.com/file/d/1NRX5ZK_QyADh3JP6eAfhQ5Gs9xcr3nQB/view?usp=drive_link
Link to photos/ videos drive	https://drive.google.com/drive/folders/1C7cN4dd8jBe4_JZTN6bx6ma gjT9BJUIT?usp=drive_link
Class/ Section	CSE[AIML]
Team Name	TECHNO

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1. Introduction

In the dynamic landscape of web development, harnessing the power of React.js and Express.js has become the cornerstone of creating interactive and robust web applications. This project embarks on an exciting journey to leverage these technologies, presenting you with an

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opportunity to craft a sophisticated website that addresses a compelling problem statement. The final challenge is not merely a technical endeavor; it's an opportunity to blend creativity, innovation, and technical proficiency to develop a web solution that can make a meaningful impact.

The Final Challenge:

At the heart of this project lies the challenge of conceptualizing, designing, and building a website that addresses a specific problem statement. This challenge is not just about coding; it's about creating a functional, user-centric, and aesthetically pleasing web application that showcases your skills and creativity. Your goal is to develop a solution that not only meets the technical requirements but also resonates with users, providing them with a valuable and engaging online experience.

Key Components of the Final Challenge:

1. Problem Statement Selection: The first step in this journey is to choose a problem statement that resonates with you. This problem should be something that you are passionate about or that you believe can make a positive difference in people's lives. It could be a problem related to education, healthcare, entertainment, e-commerce, or any other domain.

2. Technical Implementation: Once you've identified your problem statement, you will leverage the power of React.js and Express.js to design and develop the website. This involves creating responsive user interfaces, implementing user authentication if necessary, and ensuring smooth data flow between the front-end and back-end components.

3. User Experience: Crafting an exceptional user experience is paramount. Your website should be intuitive, user-friendly, and visually appealing. Pay attention to details like navigation, layout, and interactivity to ensure that users have a seamless and enjoyable experience.

2. Problem Statement

Create a recipe application that allows users to easily search for, save, and organise their favourite recipes. The app should also provide features for creating and sharing their own recipes with the community. Additionally, the application should have a user login feature to save user preferences, and allow users to access their saved recipes across multiple devices.
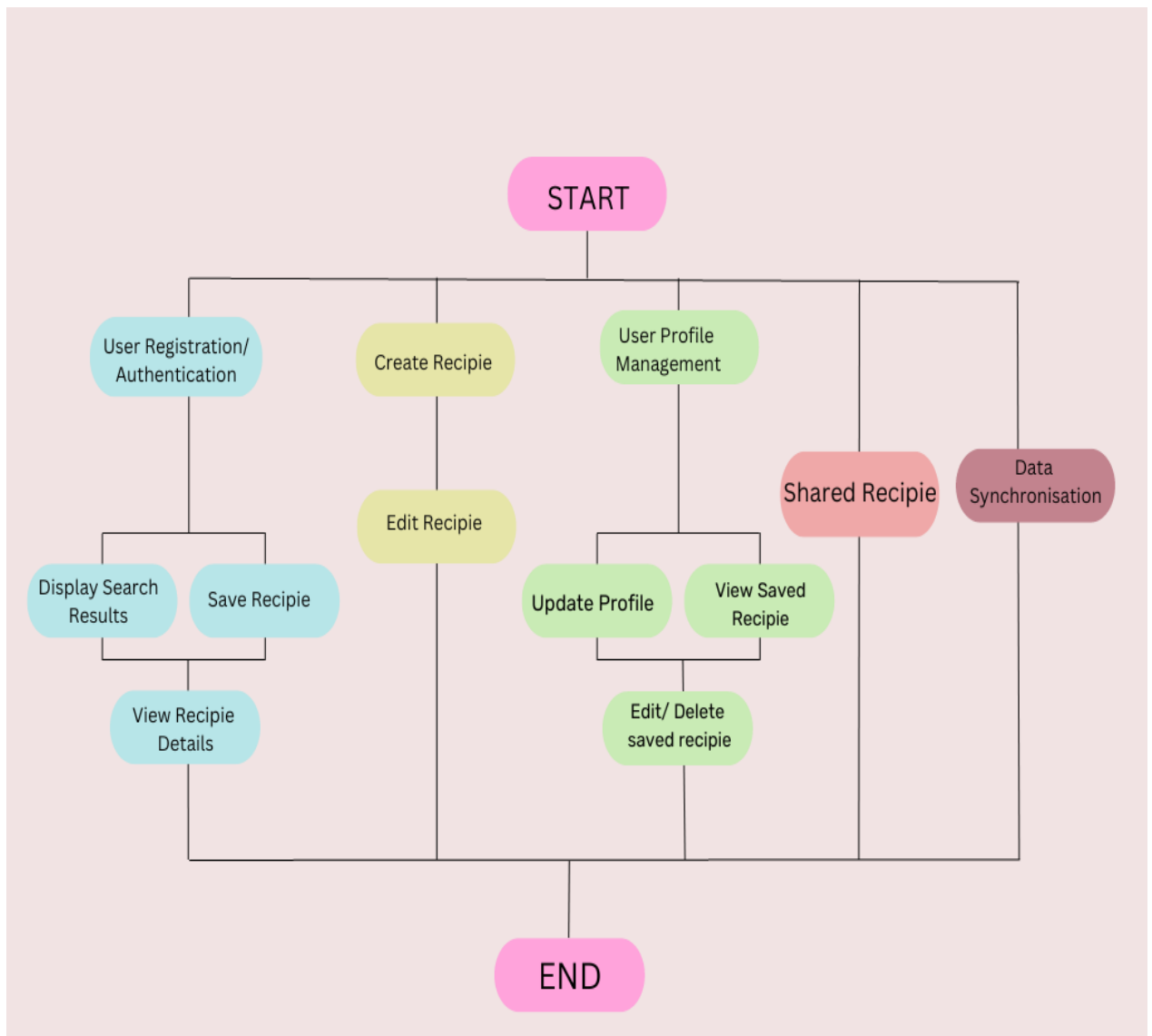
Full Stack Development 1

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Features:

1. Recipe Search: The app should allow users to search for recipes based on keywords, ingredients, cuisine, and dietary restrictions.

2. Recipe details: Users should be able to view detailed information about a recipe, including the ingredients, instructions, cooking time, and nutritional information.

3. Recipe Creation: Users should be able to create and share their own recipes with the community.

4. Recipe Management: Enable users to view, edit, and delete their Recipe.

5. Dietary restrictions: The app should have filters for dietary restrictions, such as vegetarian and non-vegetarian.

6. User Login: The application should have a user login feature to save user preferences, and allow users to access their saved recipes across multiple devices.

7. User Interface and Experience: The application will have a responsive and intuitive user interface for seamless usage across devices. User-friendly interactions and visualizations will enhance the user experience.

3. Solution

3.1 System requirements for the project

- ➢ **HTML**
- ➢ **CSS**
- ➢ **JS**
- ➢ **Browsers like Chrome, Microsoft edge**

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3.2 Flowchart of the project

3.3 Frontend

Public:
 Index.html:

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <meta name="Description" content="Enter your description here" />
  <title>Pizza</title>
  <!-- bootstrap CDN -->
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/css/bootstrap.min.css" rel="stylesheet">
  <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.15.2/css/all.min.css">

  <!-- OWN CSS -->
  <link rel="stylesheet" href="css/style.css">
  <link rel="stylesheet" href="css/responsive-style.css">
</head>

<body data-bs-spy="scroll" data-bs-target=".navbar" data-bs-
offset="100">
  <!-- header design -->
  <header>
    <nav class="navbar navbar-expand-lg navigation-wrap">
      <div class="container">
        <a class="navbar-brand" href="#">
          <img decoding="async" src="images/logo.png" alt="."
class="img-fluid">

        </a>
        <button class="navbar-toggler" type="button" data-bs-
toggle="collapse" data-bs-target="#navbarNav" aria-controls="navbarNav"
aria-expanded="false" aria-label="Toggle navigation">
          <!-- <span class="navbar-toggler-icon"></span> -->
          <i class="fas fa-stream navbar-toggler-icon"></i>
        </button>
        <div class="collapse navbar-collapse" id="navbarNav">
          <ul class="navbar-nav ms-auto mb-2 mb-lg-0">
            <li class="nav-item">
              <a class="nav-link active" aria-current="page"
href="#home">Home</a>
            </li>
            <li class="nav-item">
              <a class="nav-link" href="#about">About Us</a>
            </li>
```

```html
        <li class="nav-item">
          <a class="nav-link" href="#explore-food">Explore Foods</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="#testimonial">Reviews</a>
        </li>
        <li><button class="main-btn">1200 345 123</button></li>
      </ul>
    </div>
  </div>
  </nav>
</header>


<!-- section-1 top-banner -->
<section id="home">
  <div class="container-fluid px-0 top-banner">
    <div class="container">
      <div class="row">
        <div class="col-lg-5 col-md-6">
          <h1>UNLIMITED <br> MEDIUM <span>PIZZAS</span></h1>
          <h2>Medium 2-topping* pizza</h2>
          <p>*Additional charge for premium toppings. Minimum of 2
required.</p>
          <div class="mt-4">
            <button class="main-btn">Order now <i class="fas fa-
shopping-basket ps-3"></i></button>
          </div>
        </div>
      </div>
    </div>
  </div>
</section>


<!-- section-2 our-menu -->
<section class="our-menu p-4">
  <div class="container text-center">
    <h2 class="pb-4">Our Menu</h2>
    <div class="row">
      <div class="col-6 col-sm-2 mb-4 mb-lg-0">
        <div class="card">
          <div class="cat-image">
            <a class="link_category_product" href="#">
              <img decoding="async" src="./images/img/category1.png"
alt="." class="img-fluid">
            </a>
          </div>
          <div class="cat-title">
            <a href="#">Pizza</a>
          </div>
        </div>
```

```html
        </div>

        <div class="col-6 col-sm-2 mb-4 mb-lg-0">
          <div class="card">
            <div class="cat-image">
              <a class="link_category_product" href="#">
                <img decoding="async" src="./images/img/category2.png"
alt="." class="img-fluid">
              </a>
            </div>
            <div class="cat-title">
              <a href="#">Sauces</a>
            </div>
          </div>
        </div>

        <div class="col-6 col-sm-2 mb-4 mb-lg-0">
          <div class="card">
            <div class="cat-image">
              <a class="link_category_product" href="#">
                <img decoding="async" src="./images/img/category3.png"
alt="." class="img-fluid">
              </a>
            </div>
            <div class="cat-title">
              <a href="#">Combo</a>
            </div>
          </div>
        </div>

        <div class="col-6 col-sm-2 mb-4 mb-lg-0">
          <div class="card">
            <div class="cat-image">
              <a class="link_category_product" href="#">
                <img decoding="async" src="./images/img/category4.png"
alt="." class="img-fluid">
              </a>
            </div>
            <div class="cat-title">
              <a href="#">Kids menus</a>
            </div>
          </div>
        </div>

        <div class="col-6 col-sm-2 mb-4 mb-lg-0">
          <div class="card">
            <div class="cat-image">
              <a class="link_category_product" href="#">
                <img decoding="async" src="./images/img/category5.png"
alt="." class="img-fluid">
              </a>
            </div>
```

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```
                <div class="cat-title">
                  <a href="#">Chicken</a>
                </div>
              </div>
            </div>

            <div class="col-6 col-sm-2 mb-4 mb-lg-0">
              <div class="card">
                <div class="cat-image">
                  <a class="link_category_product" href="#">
                    <img decoding="async" src="./images/img/category6.png"
alt="." class="img-fluid">
                  </a>
                </div>
                <div class="cat-title">
                  <a href="#">Box meals</a>
                </div>
              </div>
            </div>
          </div>
        </div>
      </section>


      <!-- section-3 about-->
      <section id="about">
        <div class="about-section wrapper">
          <div class="container">
            <div class="row align-items-center">
              <div class="col-lg-7 col-md-12 mb-lg-0 mb-5">
                <div class="card border-0">
                  <img decoding="async" src="images/img/img-1.png" alt="."
class="img-fluid">
                </div>
              </div>
              <div class="col-lg-5 col-md-12 text-sec">
                <h2>We pride ourselves on making real food from the best
ingredients.</h2>
                <p>The customer is very important, the customer will be
treated like a god</p>
                <button class="main-btn mt-4">Learn More</button>
              </div>
            </div>
          </div>
          <div class="container food-type">
            <div class="row align-items-center">
              <div class="col-lg-5 col-md-12 text-sec mb-lg-0 mb-5">
                <h2>We make everything by hand with the best possible
ingredients.</h2>
                <p>The customer is very important, the customer will be
followed by the customer. Yea, and the pure should be drunk from the
limits of hate
```

```html
                a lot of time Mauris feugiat erat tellus. Far far away,
behind the word mountains, far from the countries Vokalia and
Consonantia, there live the blind texts.</p>
                <ul class="list-unstyled py-3">
                    <li>Yes, but the pain and the heart of the weekend.</li>
                    <li>It was a weekend of financing.</li>
                    <li>to drink pure from the borders of hatred.</li>
                </ul>
                <button class="main-btn mt-4">Learn More</button>
            </div>
            <div class="col-lg-7 col-md-12">
                <div class="card border-0">
                    <img decoding="async" src="images/img/img-2.png" alt="."
class="img-fluid">
                </div>
            </div>
        </div>
    </div>
</section>


<!-- section-4 explore food-->
<section id="explore-food">
    <div class="explore-food wrapper">
        <div class="container">
            <div class="row">
                <div class="col-sm-12">
                    <div class="text-content text-center">
                        <h2>Explore Our Foods</h2>
                        <p>Far far away, behind the word mountains, far from the
countries
                            Vokalia and Consonantia, there live the blind texts.
Separated they live in Bookmarksgrove.</p>
                    </div>
                </div>
            </div>
            <div class="row pt-5">
                <div class="col-lg-4 col-md-6 mb-lg-0 mb-5">
                    <div class="card border">
                        <img decoding="async" src="images/img/img-3.jpg" alt="."
class="img-fluid">
                        <div class="p-3">
                            <h5>10 Reasons To Do A Digital Detox Challenge</h5>
                            <p>And this corporal until I had before the tasse until
the financing of the edrupis casino through this great advertisement.
Nor
                                this...</p>
                            <button class="mt-2 main-btn">Read More</button>
                        </div>
                    </div>
                </div>
```

```html
            <div class="col-lg-4 col-md-6 mb-lg-0 mb-5">
              <div class="card border">
                <img decoding="async" src="images/img/img-4.jpg" alt="."
class="img-fluid">
                <div class="p-3">
                  <h5>The Ultimate Hangover Burger: Egg in a Hole Burger
Grilled Cheese</h5>
                  <p>And this corporal until I had before the tasse until
the financing of the edrupis casino through this great advertisement.
Nor
                    this...</p>
                  <button class="mt-2 main-btn">Read More</button>
                </div>
              </div>
            </div>
            <div class="col-lg-4 col-md-6 mb-lg-0 mb-5">
              <div class="card border">
                <img decoding="async" src="images/img/img-5.jpg" alt="."
class="img-fluid">
                <div class="p-3">
                  <h5>Traditional Soft Pretzels with Sweet Beer
Cheese</h5>
                  <p>And this corporal until I had before the tasse until
the financing of the edrupis casino through this great advertisement.
Nor
                    this.../p>
                  <button class="mt-2 main-btn">Read More</button>
                </div>
              </div>
            </div>
          </div>
        </div>
    </div>
  </section>


  <!-- Section-5 testimonial-->
  <section id="testimonial">
    <div class="wrapper testimonial-section">
      <div class="container text-center">
        <div class="text-center pb-4">
          <h2>Testimonial</h2>
        </div>
        <div class="row">
          <div class="col-sm-12 col-lg-10 offset-lg-1">
            <div id="carouselExampleDark" class="carousel slide" data-
bs-ride="carousel">
              <div class="carousel-indicators">
                <button type="button" data-bs-
target="#carouselExampleDark" data-bs-slide-to="0" class="active"
                  aria-current="true" aria-label="Slide 1"></button>
```

```html
                    <button type="button" data-bs-
target="#carouselExampleDark" data-bs-slide-to="1"
                        aria-label="Slide 2"></button>
                    <button type="button" data-bs-
target="#carouselExampleDark" data-bs-slide-to="2"
                        aria-label="Slide 3"></button>
                </div>
                <div class="carousel-inner">
                    <div class="carousel-item active">
                        <div class="carousel-caption">
                            <img decoding="async" alt="."
src="images/review/review-1.jpg">
                            <p>"Oh My God, What a Pizza this is...I am thankful
to Mr. Adarsh, Mr.Suhas and Mr.Manas for creating such a Masterpiece
Pizza Restaurant. "</p>
                            <h5>Adarsh - UX Designer</h5>
                        </div>
                    </div>
                    <div class="carousel-item">
                        <div class="carousel-caption">
                            <img decoding="async" alt="."
src="images/review/review-2.jpg">
                            <p>"The most tasty and delicious Pizza I have ever
eaten. "</p>
                            <h5>Manas - Front End</h5>
                        </div>
                    </div>
                    <div class="carousel-item">
                        <div class="carousel-caption">
                            <img decoding="async" alt="."
src="images/review/review-1.jpg">
                            <p>"Magnificent, Mindblowing Pizza I ever had in my
life. "</p>
                            <h5>Suhas - UX Designer</h5>
                        </div>
                    </div>
                </div>
            </div>
        </div>
      </div>
    </div>
  </section>


  <!-- section-6 footer-->
  <footer id="footer">
    <div class="footer pt-5">
      <div class="container">
        <div class="row">
          <div class="col-md-6 text-center">
            <div class="footer-social pb-4 text-center">
```

```html
                <a href="#"><i class="fab fa-facebook-f"></i></a>
                <a href="#"><i class="fab fa-twitter"></i></a>
                <a href="#"><i class="fab fa-youtube"></i></a>
                <a href="#"><i class="fab fa-dribbble"></i></a>
                <a href="#"><i class="fab fa-linkedin"></i></a>
                <a href="#"><i class="fab fa-instagram"></i></a>
              </div>
            </div>
            <div class="col-md-6">
              <form class="newsletter">
                <div class="d-flex">
                  <input class="form-control" placeholder="Email Address
Here" type="email">
                  <button class="main-btn"
type="submit">Subscribe</button>
                </div>
              </form>
            </div>
            <div class="col-sm-12">
              <div class="footer-copy">
                <div class="copy-right text-center pt-5">
                  <p class="text-light">© 2021. PIZZA. All rights
reserved.</p>
                </div>
              </div>
            </div>
          </div>
        </div>
      </div>
  </footer>


  <!-- JS Libraries -->
  <script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.m
in.js"></script>
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/js/bootstrap.min.
js"></script>
  <!-- own js -->
  <script src="js/main.js"></script>
</body>

</html>
```

CSS

```css
@import
url('https://fonts.googleapis.com/css2?family=Quicksand:wght@300;400;500;600;7
00&family=Roboto:wght@100;300;400;500;700;900&display=swap');

*,
*:after,
*:before {
  -webkit-box-sizing: border-box;
  box-sizing: border-box;
  margin: 0;
  padding: 0;
}

:active,
:hover,
:focus {
  outline: 0 !important;
  outline-offset: 0;
}

a,
a:hover {
  text-decoration: none;
}

a:hover {
  color: var(--primary-color) !important;
}

ul,
ol {
  margin: 0;
  padding: 0;
}

/*===== Variable Define =====*/
:root {
  --primary-color: #FFC222;
  --secondry-color: #00a149;
  --white-color: #fff;
  --text-color: #b0b0b0;
  --black-color: #1E1D23;
  --primary-font: 'Roboto', sans-serif;
  --secondry-font: 'Quicksand', sans-serif;
}
```

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```css
html {
  scroll-behavior: smooth;
}

body {
  font-family: var(--primary-font);
  font-size: 100%;
  font-weight: 400;
}

/*
========================================
    Custom Scrollbar
========================================
*/

::-webkit-scrollbar {
  width: 0.625rem;
}

::-webkit-scrollbar-track {
  background: var(--white-color);
}

::-webkit-scrollbar-thumb {
  background: var(--secondry-color);
}

/*
========================================
   Custom CSS Design
========================================
*/

h1 {
  font-size: 58px;
  font-weight: 900;
  margin-bottom: 1rem;
  color: var(--white-color);
  text-shadow: 1px 0 6px #000;
}

h1 span {
  color: var(--primary-color);
}

h2 {
  font-weight: 700;
  font-size: 2rem;
  text-transform: capitalize;
  font-family: var(--secondry-font);
```

```css
  color: var(--secondry-color);
  line-height: 3rem;
}

h4 {
  color: var(--secondry-color);
  font-family: var(--secondry-font);
  text-transform: capitalize;
  font-size: 1.125rem;
  font-weight: 800;
  margin-bottom: 0.5rem;
}

h5 {
  color: var(--black-color);
  text-transform: capitalize;
  font-family: var(--secondry-font);
  font-size: 1rem;
  font-weight: 700;
  margin-bottom: 0.5rem;
}

p {
  font-size: 1rem;
  color: var(--text-color);
  font-weight: 400;
  line-height: 1.75rem;
  letter-spacing: 1px;
}

.main-btn {
  display: inline-block;
  padding: 0.625rem 1.875rem;
  line-height: 1.5625rem;
  background-color: var(--primary-color);
  border: 0.1875rem solid var(--primary-color);
  color: var(--black-color);
  font-size: 0.9375rem;
  font-weight: 600;
  text-transform: capitalize;
  border-radius: 0.5rem;
  box-shadow: 0px 2px 10px -1px rgb(0 0 0 / 19%);
  -webkit-transition: all .4s ease-out 0s;
  -o-transition: all .4s ease-out 0s;
  -moz-transition: all .4s ease-out 0s;
  transition: all .4s ease-out 0s;
}

.main-btn:hover {
  background-color: transparent;
  color: var(--primary-color);
}
```

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```css
.wrapper {
  padding-top: 4.25rem;
  padding-bottom: 4.25rem;
}

.text-content {
  width: 70%;
  margin: auto;
}

/*
========================================
   Header Design
========================================
*/
.navigation-wrap{
  position:fixed;
  width:100%;
  left:0;
  z-index:1000;
  -webkit-transition:all 0.3s ease-out;
  transition:all 0.3s ease-out;
}
.navigation-wrap .nav-item{
  padding:0 0.625rem;
  transition:all 0.3s linear;
}
.navbar-toggler:focus{
  outline:unset;
  border:unset;
  box-shadow: none;
}
.nav-link{
  font-size: 0.9375rem;
  font-weight: 600;
  text-transform: capitalize;
  color:var(--white-color);
  letter-spacing:1px;
}
.nav-link:hover,
.nav-link.active{
  color:var(--primary-color) !important;
}
.navigation-wrap .main-btn{
  padding:0.3125rem 1.4375rem;
  box-shadow: none;
  margin-left:0.625rem;
}

/* Change navbar styling on scroll */
.navigation-wrap.scroll-on{
```

```css
    position:fixed;
    background-color:var(--white-color);
    top:0;
    left:0;
    width:100%;
    box-shadow: 0 0.125rem 1.75rem 0 rgb(0,0,0,0.09);
    transition: all 0.15s ease-in-out 0s;
}
.navigation-wrap.scroll-on .nav-link{
    color:var(--black-color);
}
.navigation-wrap.scroll-on .nav-link:hover,
.navigation-wrap.scroll-on .nav-link.active{
    color:var(--primary-color);
}

/*
==========================================
   top-banner Design
==========================================
*/
.top-banner{
    width:100%;
    background:url('../images/bg/bg-1.jpg') no-repeat center;
    background-size: cover;
    padding:16.875rem 0 9.375rem;
}
.top-banner p{
    color:var(--white-color);
}

/*
==========================================
   our-menu Design
==========================================
*/
.our-menu .card{
    border:none;
}
.our-menu .link_category_product{
    position:relative;
    display:block;
    z-index:1;
}
.our-menu .link_category_product::before{
    position:absolute;
    content:'';
    top:50%;
    left:50%;
    width:100%;
    height:100%;
    border-radius: 50%;
```

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```css
    border:2px dotted var(--secondry-color);
    z-index:-1;
    transform:translateX(-50%) translateY(-50%) scale(0);
    background:var(--primary-color);
    -webkit-transition:all .4s ease;
    -moz-transition:all .4s ease;
    -ms-transition:all .4s ease;
    -o-transition:all .4s ease;
    transition:all .4s ease;
}
.card:hover .link_category_product::before{
    transform:translateX(-50%) translateY(-50%) scale(1);
}

.our-menu .cat-title a{
    text-align: center;
    font-size: 0.8125rem;
    position:relative;
    display:inline-block;
    text-transform: uppercase;
    font-weight: 700;
    color:var(--black-color);
}
.card:hover .cat-title a{
    color:var(--primary-color);
}

/*
=========================================
 about section Design
=========================================
*/
.about-section{
    background:var(--black-color);
}
.about-section .card,
.about-section .card img{
    border-radius: 0.625rem;
}
.about-section .text-sec{
    padding-left:2rem;
}



/*
=========================================
 food type section Design
=========================================
*/
.food-type{
    padding-top:3.25rem;
}
```

tce.

```css
.food-type ul li{
  font-size: 1rem;
  color:var(--text-color);
  line-height: 32px;
  position:relative;
  margin-left:30px;
}
.food-type ul li::before{
  position:absolute;
  left:-2.1875rem;
  color:var(--primary-color);
  font-size: 1.25rem;
  font-family: "Font Awesome 5 Free";
  content:'\f00c';
  display:inline-block;
  padding-right: 3px;
  vertical-align: middle;
  font-weight: 900;
}

/*
=========================================
 explore food section Design
=========================================
*/
.explore-food .card{
  border:none;
  background-color:transparent;
  border-radius: 0.9375rem;
}
.explore-food .card img{
  border-radius: 15px 15px 0 0;
  object-fit: cover;
}
.explore-food .card span{
  display:block;
  font-size: 1.5rem;
  font-weight: 700;
  color:var(--primary-color);
  padding-bottom: 1rem;
  border-bottom:0.0625rem solid #eee;
}
.explore-food p{
  color:var(--text-color);
  font-size: 14px;
  line-height: 22px;
}

/*
=========================================
 testimonial section Design
=========================================
```

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```css
*/
.testimonial-section{
  background: var(--secondry-color);
}
.testimonial-section h2{
  color:var(--white-color);
}
.testimonial-section .carousel-item{
  margin-top:3rem;
  padding:10rem 3.125rem;
  background-color:var(--black-color);
  border-radius: 0.9375rem;
  text-align: center;
}

.testimonial-section .carousel-caption img{
  max-width: 5rem;
  border-radius: 50%;
  padding:0.3125rem;
}
.testimonial-section .carousel-caption p{
  font-size: 1.125rem;
  line-height: 1.5625rem;
  font-weight: 300;
  color:var(--white-color);
  padding:0 11% 0.625rem;
}
.testimonial-section .carousel-indicators{
  bottom:-2.8125rem;
}
.testimonial-section .carousel-indicators button{
  width:15px;
  height:15px;
  outline:none;
  border-radius: 50%;
  border: none;
  margin-right:1rem;
  opacity:0.2;
}
.testimonial-section .carousel-indicators button.active{
  opacity:1;
}

/*
=========================================
footer section Design
=========================================
*/
.footer{
  background: var(--black-color);
}
.footer .footer-social a i{
```

tce.

```css
    font-size: 1.5rem;
    color:var(--white-color);
    padding:0 1rem;
}
.footer .footer-social a:hover i{
    color:var(--primary-color);
}


/* Form Control */
.newsletter .form-control{
    height:3.225rem;
    padding:0 1.25rem;
    font-size: 0.875rem;
    width:100%;
    border-radius: 0;
    background:transparent;
    border:0.1875rem solid var(--white-color);
    color:var(--black-color);
    font-weight: 700;
}
.newsletter .main-btn{
    height:3.225rem;
    padding:0 1.25rem;
    font-size: 0.875rem;
    border-radius: 0;
    background-color: var(--white-color);
    border:0.1875rem solid var(--white-color);
    color:var(--black-color);
    font-weight: 700;
}
.newsletter:hover .form-control{
    border:0.1875rem solid var(--primary-color);
    color:var(--black-color);
}
.newsletter:hover .main-btn{
 background:var(--primary-color);
 border:0.1875rem solid var(--primary-color);
}
.newsletter .form-control:hover,
.newsletter .form-control:focus{
    outline:none;
    box-shadow: none;
    border-color:var(--primary-color);
}
```

tce.

Responsive-style.css

```css
@media (max-width: 991px) {

    /*custom classes  */
    .text-content{
        width:100%;
    }

    /* navbar brand */
    .navigation-wrap .navbar-brand img{
        height:3.8125rem
    }
    .navigation-wrap{
        text-align: center;
        background-color: var(--white-color);
    }
    .navigation-wrap .nav-link{
        line-height: 1.875rem;
        color:var(--black-color);
    }

    /* Banner Design */
    .top-banner{
        padding:9.375rem 0 9.375rem;
    }

    /* carousel design */
    .testimonial-section .carousel-caption p{
        padding:0;
    }

    /* footer link */
    .footer .footer-social a i{
        padding:0 0.75rem;
    }
}

@media (max-width: 767px) {

    /* custom css */
    h1 {
        font-size: 2.8rem;
    }

    h2 {
        font-size: 1.3rem;
        line-height: 28px;
    }

    /* top banner */
```

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```css
    .top-banner{
        padding:10.375rem 0 9.375rem;
    }

    /* carousel design */
    .testimonial-section .carousel-item{
        padding:11rem 3.125rem;
    }
}

@media (max-width:330px) {

    /* carousel design */
    .testimonial-section .carousel-item{
        padding:13rem 3.125rem;
    }
}
```

Js

```javascript
// Scrollbar navbar
let nav = document.querySelector(".navigation-wrap");
window.onscroll = function (){
    if(document.documentElement.scrollTop > 20){
        nav.classList.add("scroll-on");
    }else{
        nav.classList.remove("scroll-on");
    }
}

// nav hide
let navBar = document.querySelectorAll(".nav-link");
let navCollapse = document.querySelector(".navbar-collapse.collapse");
navBar.forEach(function (a){
    a.addEventListener("click", function(){
        navCollapse.classList.remove("show");
    })
})
```

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4. **Conclusion/Outcome**

In our journey of creating a pizza restaurant website from scratch using HTML, CSS, and js in Visual Studio Code, we've embarked on a dynamic and creative endeavor. Following these steps has enabled us to construct a visually appealing and interactive platform for our customers to explore our offerings and place orders effortlessly. Paying meticulous attention to details such as layout, styling, and functionality has been crucial in ensuring a seamless user experience. Rigorous testing across various browsers and devices has allowed us to fine-tune every aspect, and now, with confidence in our creation, we're ready to deploy it to a hosting service, making it accessible to a broader audience. This process has been a valuable learning experience, and we're excited to share our website.

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5. References

(Links to external sites, documents, images, videos referred)

- ➤   https://getbootstrap.com/

- ➤   https://expressjs.com/

- ➤   https://codingthesmartway.com/the-mern-stack-tutorial-building-a-react-crudapplication-from-start-to-finish-part-1/

- ➤   https://docs.mongodb.com/manual/

- ➤   https://expressjs.com/

- ➤   https://nodejs.org/en/docs/

- ➤   https://reactrouter.com/

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