# Appendix I Coffee Shop Website

#### PROJECT REPORT

Submitted by

Sunpreet Singh [Reg No. 12409554]

in partial fulfillment for the award of the degree of

#### **Bachelor of Technology**

IN Computer Science and Engineering



Lovely Professional University, Punjab

October 2024

#### APPENDIX II

## Lovely Professional University, Punjab

#### **BONAFIDE CERTIFICATE**

<Font Style Times New Roman – size -16>

<Font Style Times New Roman – size -14>

Certified that this project report Railway Booking System

is the bonafide work of Aryan Singh

who carried out the project work under my supervision.

<<Signature of the Mentor>>
SIGNATURE
<<Name>>
CLASS MENTOR

<<Signature of the Head of the Department>> SIGNATURE <<Name>> HEAD OF THE DEPARTMENT

#### APPENDIX III

#### **TABLE OF CONTENTS**

Sr. NO.	Content	PAGE NO.
1	Title Page	i
4	Table of Contents	ii
3	Introduction	iii
4	Technology Used	iv-v
5	Workflow	vi
6	Working of Project	vii
7	Code Snippets of the project	viii-xxiv
8	Screenshots	xxv-xxviii
9	Conclusion	xxix
10	Reference	XXX

## Introduction

The coffee shop website is designed to be an efficient user-friendly medium to help coffee lovers or any other food lover to get their information about the cafe, see the menu of the shop, see the reviews of the other customers, see the view of the cafe and also provide the owner of the shop more exposure to the public through the website.

With a sleek, optimized for mobile, the website provides all the information that you need to know about the cafe, which makes it convenient for the user to order their favorite food online through the website. And also provided the review section where they can provide the review of their food or any other related services.

The coffee shop website offers customers to order their favorite food from anywhere they want from their favorite menu, and also make sure that if they have any other doubt they can instantly contact us from the given contact no or email. Also provided the links of the every other social media that the cafe holds, which can help the user the cafe account on the different online platforms.

## TECHNOLOGIES USED

Creating an engaging and functional e-commerce website like Gaming Sphere involves utilizing a combination of technologies. In this case, HTML, CSS, and JavaScript serve as the foundational building blocks of the website, each contributing unique features and functionalities that enhance user experience.

#### **HTML (HyperText Markup Language)**

HTML is the backbone of any website, providing the structure and semantic meaning to web content. In Gaming Sphere, HTML is used to create the layout of the site, including the homepage, product listings, and checkout pages. Key features include:

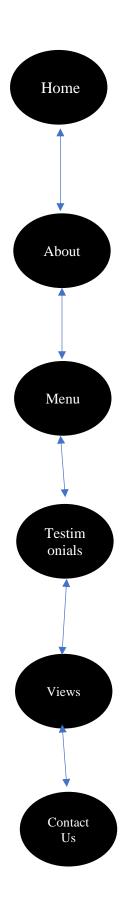
- 1. **Semantic Elements**: Utilizing elements like <header>, <nav>, <section>, and <footer> helps improve the site's accessibility and SEO (Search Engine Optimization). This organization allows search engines to better understand the content and context of the page.
- 2. **Forms and Inputs**: HTML forms are critical for user interactions, such as creating accounts, logging in, and processing purchases. By using various input types (e.g., text, email, number), the site ensures that user data is collected efficiently.
- 3. **Multimedia Integration**: HTML supports embedding images, videos, and audio files, allowing Gaming Sphere to showcase game trailers, screenshots, and product details effectively.

#### **CSS (Cascading Style Sheets)**

CSS is responsible for the presentation and layout of the website. It defines how HTML elements are displayed on the screen, enhancing the visual appeal and user experience. Key contributions of CSS in Gaming Sphere include:

- 1. **Styling and Layout**: CSS is used to create visually appealing designs with custom fonts, colours, and spacing. The responsive design ensures that the website looks great on various devices, from desktops to smartphones.
- 2. **Flexbox and Grid Systems**: These CSS features allow for flexible and responsive layouts. By using Flexbox for navigation and Grid for product listings, the site adapts seamlessly to different screen sizes, providing an optimal browsing experience.
- 3. **Animations and Transitions**: CSS enables subtle animations and transitions that enhance interactivity, such as hover effects on buttons and smooth loading animations, making the user experience more engaging.

# WORKFLOW



## WORKING

#### 1. Home Page

The home page describes the services offered and has links to main sections, such as About, Menu, Testimonials, Views, Contact Us. The navigation bar has all the links where user can click the link to go on that section or can scroll to.

#### Page 2: About Section

In about section all the information is given about the coffee shop and all the other social media links are provided such as Facebook, Twitter and Instagram, where user can get the information about the cafe

#### Page 3: Menu section

The menu section is the most interesting section of the website where the user can select the favorite food item to order and also provided the option of combos if user is confused to order something Also provided the option of the drinks where users can order their favorite drinks also.

#### Page 4: Testimonials section

The testimonials section provides the faith to the user whether if they can trust the café for the food or not by reading the reviews of the other customers who have tried the food or service of the cafe.

#### Page 5: Contact Us

This page will provide all the necessary information to the user with the help of which they can contact the website, know about the timings of the cafe or the days on which the cafe is closed.

The use of CSS media queries allows the website layouts to adjust according to the screen sizes, providing users with smooth navigation and accessibility on all devices.

#### User Experience and Navigation

Dark theme makes it a reader-friendly site with no strain on the eyes.

The hover effects, CTAs are very clear and concise. Also, organized content layout that leads a user easily to any specific section.

Future Development

This website has been built with room for expansion of additional functionalities like real-time tracking APIs, user accounts, and personal booking history.

Maintenance plans need to ensure that the site is regularly upgraded to stay efficient and updated according to the needs of the user.

# Code Snippets

## index.html

## html for navbar

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-</pre>
scale=1.0">
   <title>Document</title>
    <link rel="stylesheet"</pre>
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.6.0/css/all.main.css">
    <link rel="stylesheet" href="style.css">
    <link href="https://cdnjs.cloudflare.com/ajax/libs/font-</pre>
awesome/6.0.0/css/all.min.css" rel="stylesheet">
    <link rel="stylesheet"</pre>
href="https://cdn.jsdelivr.net/npm/swiper@11/swiper-
bundle.min.css">
</head>
<body>
    <header>
        <nav class="navbar section-content">
            <a href="#" class="nav_logo">
                <h2 class="logo-text"> Coffee Mania</h2>
           </a>
            class="nav-item">
                   <a href="#" class="nav_link">Home</a>
                class="nav-item">
                   <a href="#about" class="nav_link">About</a>
                class="nav-item">
                   <a href="#menu" class="nav_link">Menu</a>
                class="nav-item">
```

### CSS for navbar

```
*{
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-
serif;
    margin: 0px;
    padding: 0px;
    box-sizing: border-box;
}
html{
    scroll-behavior: smooth;
}
header{
    background: #3b141c;
    position: fixed;
    z-index: 5;
    width: 100%;
}
ul{
    list-style: none;
}
a{
    text-decoration: none;
}
img{
    width: 100%;
}
.section-title{
    text-align: center;
    padding: 60px 0 100px;
    text-transform: uppercase;
    font-size: 2rem;
}
```

```
.section-title::after{
    content: "";
    width: 80px;
    height: 5px;
    display: block;
    background: #f3961c;
    margin: 10px auto 0;
    border-radius: 8px;
}
 .section-content{
    margin: 0 auto;
    padding: 0 20px;
    max-width: 1300px;
ł
.navbar .nav_logo .logo-text{
    color: #fff;
    font-size: 2rem;
    font-weight: 600;
.nav-menu{
    display: flex;
    gap: 10px;
}
.navbar .nav-menu .nav_link{
    color: #fff;
    padding: 10px 18px;
    border-radius: 30px;
    font-size: 1.2rem;
    transition: 0.3s ease;
}
header .navbar{
    display: flex;
    align-items: center;
    justify-content: space-between;
    padding: 20px;
    gap: 600px;
    width: 13000px;
}
.navbar .nav-menu .nav_link:hover{
    color: #3b141c;
    background: #f3961c;
}
Html for hero section
<main>
        <!-- hero section -->
        <section class="hero-section">
```

<div class="section-content">

```
<div class="hero-details">
                   <h2 class="title">Best Coffee</h2>
                   <h3 class="sub-title">Make your day great
with our special coffee!</h3>
                   Welcome to our
paradise where every bean tells a story and every cup sparks a
joy.
                   <div class="button">
                       <a href="#" class="button Order-
now">Order Now</a>
                       <a href="#" class="button Contact-
us">Contact Us</a>
                   </div>
               </div>
               <div class="hero-image-wrapper">
                   <img src="coffee-hero-section.png"</pre>
alt="Hero" class="hero-image">
               </div>
           </div>
       </section>
```

## CSS for hero section

```
.hero-section{
    height: 100vh;
    background: #3b141c;
ł
.hero-section .section-content{
    display: flex;
    align-items: center;
    min-height: 100vh;
    color: #fff;
    justify-content: space-between;
ł
.hero-section .hero-details .title{
    font-size: 2.3rem;
    color: #f3961c;
    font-family:cursive;
ł
.hero-section .hero-details .sub-title{
    font-size: 2rem;
    margin-top: 8px;
    max-width: 70%;
    font-weight: 600;
}
.hero-section .hero-details .description{
    font-size: 1.2rem;
    max-width: 70%;
    margin: 24px 0 40px;
```

```
}
.hero-section .hero-details .button{
    display: flex;
    gap: 23px;
ł
.hero-section .hero-details .Order-now{
    padding: 10px 26px;
    border: 2px solid transparent;
    color: #3b141c;
    border-radius: 30px;
    background-color: #f3961c;
    font-weight: 600;
    transition: 0.3s ease;
}
.hero-section .hero-details .Contact-us{
    padding: 10px 26px;
    border: 2px solid transparent;
    color: #3b141c;
    border-radius: 30px;
    background-color: #f3961c;
    font-weight: 600;
    transition: 0.3s ease;
}
.hero-section .hero-details .Order-now:hover{
    color: #fff;
    border-color: #fff;
    background: #3b141c;
}
.hero-section .hero-details .Contact-us:hover{
    color: #fff;
    border-color: #fff;
    background: #3b141c;
}
.hero-section .hero-image-wrapper{
    max-width: 500px;
    margin-right: 30px;
}
```

#### HTML for About section

```
At coffee house in
California ,America , we pride ourselves with a go-to
destination for coffee lovers and conversation seekers alike.
We're dedicated to providing an excexptional coffee experience
in a cosy and inviting atmosphere, where guets can relax,
unwind, and enjoy their time in comfort.
                   <div class="social-link-list">
                       <div class="check">Also check us out
on</div><a href="#" class="social-link"><i class="fab fa-
facebook"></i></a>
                       <a href="#" class="social-link"><i
class="fab fa-instagram"></i></a>
                       <a href="#" class="social-link"><i
class="fa-brands fa-twitter"></i></a>
                   </div>
                </div>
           </div>
       </section>
```

#### CSS for about section

```
.about-section{
  padding: 120px 0;
  background: #faf4f5;
.about-section .section-content{
  display: flex;
  align-items: center;
  justify-content: space-between;
  gap: 50px;
.about-section .about-image-wrapper .about-image{
  width: 400px;
  height: 400px;
  object-fit: cover;
  border-radius: 50%;
.about-section .about-details{
  max-width: 50%;
}
.about-section .about-details .section-title{
  padding: 0;
}
.about-section .about-details .text{
  line-height: 30px;
  margin: 50px 0 30px;
  text-align: center;
```

```
font-size: 1.2rem;
}
.about-section .social-link-list{
    display: flex;
    gap: 25px;
    justify-content: center;
}
.social-link-list .social-link:hover{
    color: #3b141c;
    font-size: 1.5rem;
    transition: 0.2s ease;
}
.social-link-list .social-link{
    color: #f3961c;
}
```

#### HTML for menu section

```
<section class="menu-section" id="menu">
     <h2 class="section-title">Our Menu</h2>
     <div class="section-content">
       <img src="hot-beverages.png" alt="Hot Beverages"</pre>
class="menu-img">
          <h3 class="name">Hot Bavereges</h3>
          Wide range of steaming hot that will make you
feel fresha and light.
         <img src="cold-beverages.png" alt="Cold Beverages"</pre>
class="menu-img">
          <h3 class="name">Cold Bavereges</h3>
          Creamy and frothy Cold Coffee to make you feel
cold.
         <img src="refreshment.png" alt="Refereshment" class="menu-</pre>
img">
          <h3 class="name">Refreshment</h3>
          Fruity and icy fresh drink to make you feel
fresh.
         <img src="special-combo.png" alt="Special Combos"</pre>
class="menu-img">
          <h3 class="name">Special combos</h3>
```

```
Your favioutite eating and drinking
ombination.
        <img src="desserts.png" alt="Dessert" class="menu-img">
          <h3 class="name">Dessert</h3>
          Satiate your pallate and take you on a cullinary
treat.
        <img src="burger-frenchfries.png" alt="Burger and french fries"</pre>
class="menu-img">
          <h3 class="name">Burger and French Fries</h3>
          Quick buites to satisfy your small hunger.
        </div>
```

## **CSS** for menu section

```
.menu-section{
 background: #252525;
 color: #fff;tion .menu-list{
  display: flex;
  flex-wrap: wrap;
  align-items: center;
  gap: 110px;
  justify-content: space-between;
.menu-section .menu-list .menu-item{
  display: flex;
  align-items: center;
  flex-direction: column;
  width: calc(100% / 3 - 110px);
  justify-content: space-between;
  text-align: center;
}
.menu-section .menu-list .menu-item .menu-img{
  max-width: 83%;
  aspect-ratio: 1;
  margin-bottom: 15px;
  object-fit: contain;
.menu-section .menu-list .menu-item .text{
  font-size: 1.2rem;
}
.menu-section .menu-list .menu-item .name{
  margin: 12px 0;
```

```
font-size: 1.5rem;
font-weight: 600;
}
```

#### HTML for testimonials section

```
<section class="testimonials-section" id="testimonials">
     <h2 class="section-title">Testimonials</h2>
     <div class="section-content">
       <div class="slider-container swiper">
         <div class="slider-wrapper">
           <img src="user-1.jpg" alt="user" class="usr-img">
               <h3 class="name">Srah Johnson</h3>
               <i class="feedback">"Loved the French Toast. Perfectly
balanced and rich. Will order again!"</i>
             <img src="user-2.jpg" alt="user" class="usr-img">
               <h3 class="name">James Wilson</h3>
               <i class="feedback">"Great espresso blend. Smooth and
bold flavour. Fast shipping too!"</i>
             <imq src="user-3.jpg" alt="user" class="usr-img">
               <h3 class="name">Michael Brown</h3>
               <i class="feedback">"Fantastic mocha flavour. Fresh and
aromatic. Quick shipping!"</i>
             <img src="user-4.jpg" alt="user" class="usr-img">
               <h3 class="name">Emily Harris</h3>
               <i class="feedback">"Excellent quality! Fresh beans and
quick deleviery. highly recommend"</i>
             <img src="user-5.jpg" alt="user" class="usr-img">
               <h3 class="name">Anthony Thompson</h3>
               <i class="feedback">"Best decaf I've tried! Smooth and
flavourful. Arrived prompty"</i>
             <div class="swiper-slide-button swiper-pagination"></div>
           <div class="swiper-slide-button swiper-button-prev"></div>
           <div class="swiper-slide-button swiper-button-next"></div>
         </div>
```

```
</div>
</div>
</section>
```

#### CSS for testimonials section

```
<section class="testimonials-section" id="testimonials">
     <h2 class="section-title">Testimonials</h2>
     <div class="section-content">
       <div class="slider-container swiper">
         <div class="slider-wrapper">
           <img src="user-1.jpg" alt="user" class="usr-img">
               <h3 class="name">Srah Johnson</h3>
               <i class="feedback">"Loved the French Toast. Perfectly
balanced and rich. Will order again!"</i>
             <img src="user-2.jpg" alt="user" class="usr-img">
               <h3 class="name">James Wilson</h3>
               <i class="feedback">"Great espresso blend. Smooth and
bold flavour. Fast shipping too!"</i>
             <imq src="user-3.jpg" alt="user" class="usr-img">
               <h3 class="name">Michael Brown</h3>
               <i class="feedback">"Fantastic mocha flavour. Fresh and
aromatic. Quick shipping!"</i>
             <img src="user-4.jpg" alt="user" class="usr-img">
               <h3 class="name">Emily Harris</h3>
               <i class="feedback">"Excellent quality! Fresh beans and
quick deleviery. highly recommend"</i>
             <img src="user-5.jpg" alt="user" class="usr-img">
               <h3 class="name">Anthony Thompson</h3>
               <i class="feedback">"Best decaf I've tried! Smooth and
flavourful. Arrived prompty"</i>
             <div class="swiper-slide-button swiper-pagination"></div>
           <div class="swiper-slide-button swiper-button-prev"></div>
           <div class="swiper-slide-button swiper-button-next"></div>
         </div>
```

```
</div>
     </div>
   </section>
HTML for view section
<section class="gallery-section" id="gallery">
     <h2 class="section-title">Views</h2>
     <div class="section-content">
      <img src="view1.jpg" alt="view" class="gallery-image">
        <img src="view2.jpg" alt="view" class="gallery-image">
        <img src="view3.jpg" alt="view" class="gallery-image">
        <img src="view4.jpg" alt="view" class="gallery-image">
        <img src="view5.jpg" alt="view" class="gallery-image">
        <img src="view6.jpg" alt="view" class="gallery-image">
        </div>
   </section>
```

## **CSS** for view section

```
.gallery-section{
    padding: 50px 0 100px;
}
.gallery-section .gallery-list{
    display: flex;
    flex-wrap: wrap;
    gap: 32px;
}
.gallery-section .gallery-list .gallery-item{
    width: calc(100% / 3 - 32px);
    border-radius: 16px;
    overflow: hidden;
}
.gallery-section .gallery-item .gallery-image{
    width: 400px;
```

```
height: 300px;
object-fit: cover;
cursor: zoom-in;
transition: 0.3s ease;
}
.gallery-section .gallery-item:hover .gallery-image{
transform: scale(1.3);
}
```

#### **HTML** for contact section

```
<section class="contact-section" id="contact">
     <h2 class="section-title">Contact Us</h2>
     <div class="section-content">
      <i class="fa-solid fa-location-crosshairs"></i>
          <strong>Address:</strong> 123 Campasite Avenue,
Wilderness, CA 98763
          <i class="fa-solid fa-envelope"></i>
          <strong>Email:</strong> info@coffeeshopwebsite.com
          <i class="fa-solid fa-phone"></i>
          <strong>Mobile no:</strong> 9876543210
          <q\>
        <i class="fa-solid fa-clock"></i>
          <strong>Timings:</strong> Monday - Friday: 9:00 AM - 5:00
PM
          <q\>
        <i class="fa-solid fa-clock"></i>
          <strong>Closing:</strong> Sunday - Closed
          <q\>
        <i class="fa-solid fa-globe"></i>
          <strong>Info:</strong> www.sunpreet@gmail.com
          <q\>
      <form action="#" class="contact-form">
```

#### **CSS** for contact section

```
.contact-section{
  background: #faf4f5;
  padding: 50px 0 100px;
.section-content{
  display: flex;
  gap: 48px;
  align-items: flex-start;
  justify-content: space-between;
.contact-info-list{
  display: flex;
  flex-direction: column;
  align-items:flex-start;
  gap: 20px;
  margin: 20px 0;
  padding-left: 10px;
.contact-form .form-input{
  width: 100%:
  height: 50px;
  padding: 12px;
   outline: none;
   margin-bottom: 16px;
  background: #fff;
  border: 1px solid #ccc;
  border-radius: 8px;
}
textarea{
  height: 100px;
  padding: 12px;
  resize: vertical;
.submit-button{
  background-color: #3b141c;
```

```
color: #fff;
  margin-top: 10px;
  padding: 10px 26px;
  border-radius: 16px;
  font-weight: 600;
  border: 1px solid #3b141c;
  transition: 0.3s ease:
}
.submit-button:hover{
  background: transparent;
  color: #3b141c;
}
.contact-form{
  max-width: 500px;
}
.contact-info:nth-child(1):hover{
  background-color: #3b141c;
  color: #fff;
}
.contact-info{
  transition: 0.3s ease;
.contact-info:nth-child(2):hover{
  background-color: #3b141c;
  color: #fff;
.contact-info:nth-child(3):hover{
  background-color: #3b141c;
  color: #fff;
}
.contact-info:nth-child(4):hover{
  background-color: #3b141c;
  color: #fff;
.contact-info:nth-child(5):hover{
  background-color: #3b141c;
  color: #fff;
}
.contact-info:nth-child(6):hover{
  background-color: #3b141c;
  color: #fff;
}
```

## **HTML** for footer section

```
<a href="#" class="socia-link"><i class="fab fa-facebook"></i></a>
           <a href="#" class="socia-link"><i class="fab fa-
instagram"></i></a>
           <a href="#" class="socia-link"><i class="fa-brands fa-
twitter"></i></a>
         </div>
         <a href="#" class="policy-link">Privacy Policy</a>
           <span class="seperator">.</span>
           <a href="#" class="policy-link">Refund Policy</a>
         </div>
    </footer>
  </main>
<script src="https://cdn.jsdelivr.net/npm/swiper@11/swiper-</pre>
bundle.min.js"></script>
<script src="script.js"></script>
</body>
</html>
```

## **CSS** for footer section

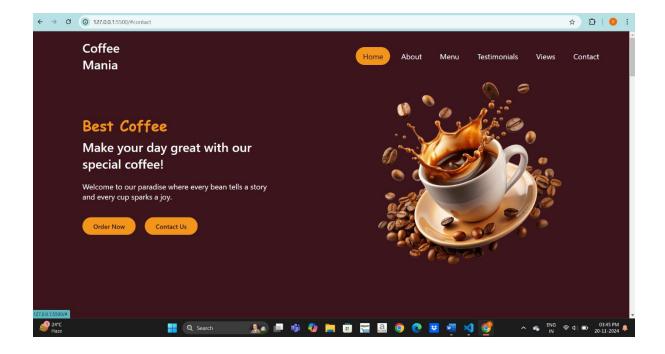
```
.footer-section{
  background: #252525;
  padding: 20px 0;
.footer-section :where(.copyright-text, .socia-link, .policy-link){
  color: #fff;
  transition: 0.2s ease:
}
.section-content{
 display: flex;
 align-items: center;
 justify-content: space-between;
.socia-link-list{
  display: flex;
  gap: 25px;
}
.socia-link{
  font-size: 1.5rem;
.socia-link:hover{
  color: #f3961c;
.policy-link:hover{
  color: #f3961c;
```

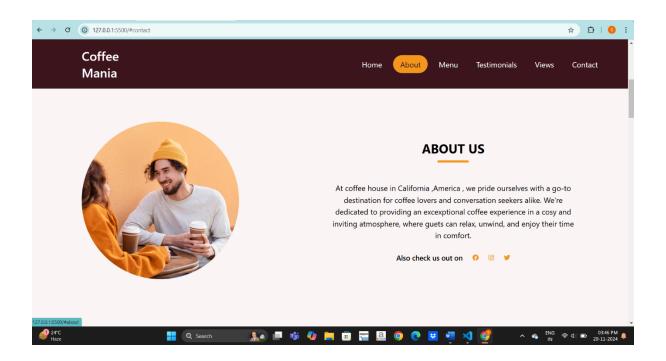
```
.seperator{
    color: #fff;
    margin: 0 5px;
}
.check{
    font-weight: 600;
    font-size: large;
}
.menu-item:hover{
    box-shadow: 10px 10px 10px;
}
```

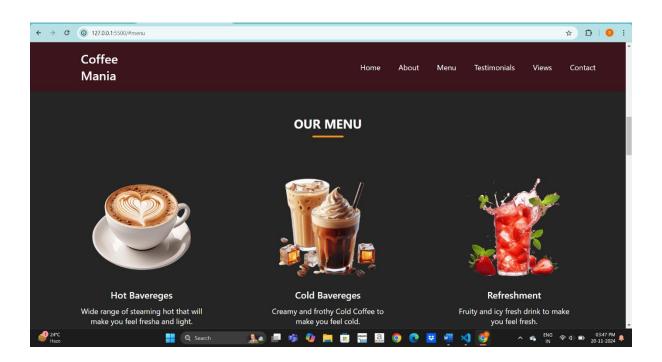
## Javascript used for the website

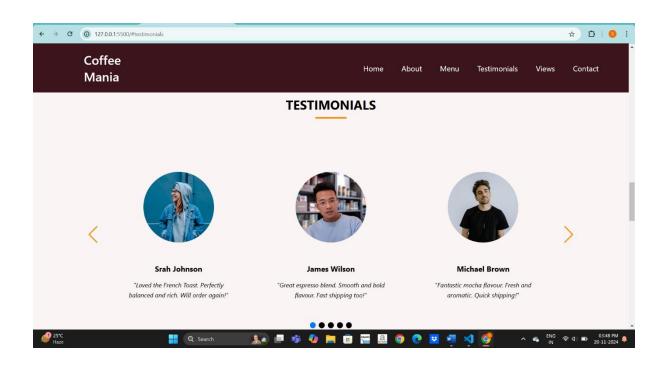
```
const swiper = new Swiper('.slider-wrapper', {
  loop: true,
  spaceBetween: 25,
  // If we need pagination
  pagination: {
   el: '.swiper-pagination',
  },
  // Navigation arrows
  navigation: {
   nextEl: '.swiper-button-next',
   prevEI: '.swiper-button-prev',
  breakpoints: {
    0: {
       slidesPerView: 1
    },
    768: {
       slidesPerView: 2
    },
    1024: {
       slidesPerView: 3
    }
 });
```

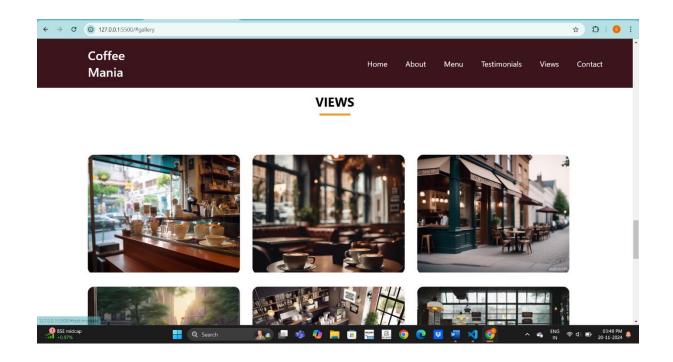
## Output of the code

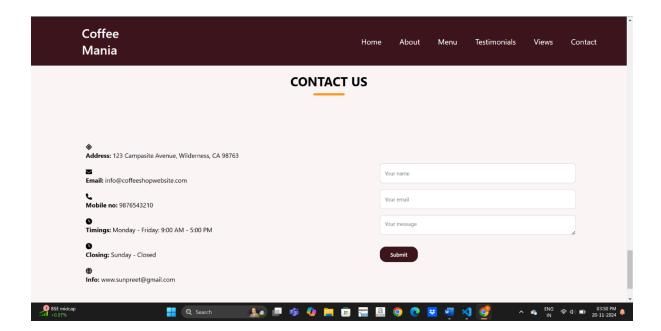












## **CONCLUSION**

This was to be an easy, effective, and friendly website for users for planning and managing their food cravings. The website is rich in features of proving the menu for the customers, giving them the view of the cafe, providing the reviews of the other customers, all together serving to provide a complete tool to enhance user experience and meet their expectation to order food online in a convenient way.

The project is responsive, accessible, and modern in design, ensuring that the experience is seamless across different devices and user demographics. The intuitive interface, supported by JavaScript interactivity and CSS styling, makes navigation simple and engaging, allowing users to quickly get the information about the café.

In conclusion, the coffee shop website has completed its goal to provide user a convenient and a faithful website from which the user can order the food online with online and also get to know about the café presence in the real world.

## **REFRENCES**

- 1. W3Schools For foundational HTML, CSS, and JavaScript tutorials and examples.
- 2. MDN Web Docs (Mozilla Developer Network) For in-depth documentation on HTML, CSS, and JavaScript.
- 3. Stack Overflow For troubleshooting, code solutions, and best practices.
- 4. Awesome icons For getting the icons of the different social media platforms.
- 5. ChatGPT by OpenAI For guidance, suggestions, and code refinement throughout the project.