



**CHANDIGARH  
UNIVERSITY**  
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## **REPORT ON PROJECT BASED LEARNING**

### **“MENU BASED WESITE USING HTML,CSS AND JAVASCRIPT”**

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# INTRODUCTION

In the digital age, websites serve as the primary medium for businesses, organizations, and individuals to showcase information, services, and products to a global audience. A well-structured, user-friendly website enhances user engagement and helps achieve various digital goals. One such effective and widely adopted structure is the **menu-based website**, where navigation is primarily driven by an organized and interactive menu system.

This project involves the development of a **menu-based website** using the core front-end technologies of **HTML, CSS, and JavaScript**. These technologies together provide the essential building blocks for modern web development—HTML for structure, CSS for styling, and JavaScript for interactivity.

The website aims to provide users with a seamless browsing experience through an intuitive menu layout that directs them to different sections such as Home, About, Services, Contact, and more. The interface will be responsive, ensuring smooth performance on various devices like desktops, tablets, and smartphones.

Additionally, the project demonstrates how simple front-end technologies can be leveraged to create elegant and functional web applications without the need for complex frameworks. It emphasizes clean design principles, accessibility, and interactive features, laying the groundwork for further enhancements such as animations, form handling, and even dynamic content loading in future versions.

This project not only showcases technical proficiency in web development but also underlines the importance of user-centered design in creating meaningful digital experiences.

# OBJECTIVE

The primary objective of this project is to design and develop a **menu-based website** that delivers a clean, organized, and interactive user experience using only front-end technologies—**HTML, CSS, and JavaScript**. The project focuses on applying fundamental web development skills to build a functional and aesthetically pleasing website structure.

Specific objectives include:

- **To create a structured and semantic website layout using HTML**, ensuring accessibility and proper content hierarchy.
- **To design an appealing user interface (UI) using CSS**, incorporating modern design elements such as responsive layouts, hover effects, typography, and color schemes.
- **To implement dynamic and interactive features using JavaScript**, such as dropdown menus, collapsible sections, tab navigation, or lightboxes, enhancing user engagement.
- **To ensure responsiveness and cross-device compatibility**, making the website accessible on desktops, tablets, and mobile devices.
- **To organize content through an intuitive menu-based navigation system**, allowing users to easily access different pages or sections without confusion.
- **To build a scalable codebase**, allowing for future expansion with additional features such as contact forms, modal popups, or external data fetching.

# METHODOLOGY

The project follows a systematic approach using the following technologies and steps:

- **HTML (HyperText Markup Language):**  
Used for structuring the content and layout of the web pages, including menus, sections, and navigation elements.
- **CSS (Cascading Style Sheets):**  
Applied for styling the website—colors, fonts, spacing, layout adjustments, and responsive design to ensure compatibility with different screen sizes.
- **JavaScript:**  
Used to add interactivity such as dynamic menu behavior, page transitions, form validations, and content updates without page reloads.
- **Development Steps:**
  1. Planning the website layout and menu structure.
  2. Creating HTML pages and defining sections.
  3. Designing the visual layout using CSS.
  4. Implementing interactivity using JavaScript (e.g., dropdown menus, toggle content).
  5. Testing the website for responsiveness and usability.

# SOURCE CODE

```
<!doctype html>
<html>
<head>
<meta charset="utf-8">
<title>HOT N' FAST</title>
<link
href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,600i,700,700i|Playfair+Display:ital,wght@0,400;0,500;0,600;0,700;1,400;1,500;1,600;1,700|Poppins:300,300i,400,400i,500,500i,600,600i,700,700i"
rel="stylesheet">
<link href="Minor Project.css" rel="stylesheet">
<link href="aos.css" rel="stylesheet">
<link href="animate.min.css" rel="stylesheet">
<link href="boxicons/css/boxicons.min.css" rel="stylesheet">
<link href="lightbox/css/lightbox.min.css" rel="stylesheet">
<link href="swiper/swiper-bundle.min.css" rel="stylesheet">
<script src="Minor Project.js"></script>
<script src="aos.js"></script>
<script src="bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="lightbox/js/lightbox.min.js"></script>
<script src="swiper/swiper-bundle.min.js"></script>
<script src="isotope-layout/isotope.pkgd.min.js"></script>
</head>
<body>
<header id="header" class="center-items">
  <div class="fluid-container">
    <h1 class="logo"><a href="Minor Project.html">HOT N' FAST</a></h1>
    <nav id="nav_bar" class="navbar">
      <ul>
        <li><a class="nav_link active" href="#main">Home</a></li>
        <li><a class="nav_link_scroll" href="#about">About</a></li>
        <li><a class="nav_link_scroll" href="#menu">Menu</a></li>
        <li><a class="nav_link_scroll" href="#events">Events</a></li>
        <li><a class="nav_link_scroll" href="#chefs">Chefs</a></li>
        <li><a class="nav_link_scroll" href="#specials">Specials</a></li>
        <li><a class="nav_link_scroll" href="#others">Others</a></li>
        <li><a class="nav_link_scroll" href="#gallery">Gallery</a></li>
        <li><a class="nav_link_scroll" href="#contact">Contact</a></li>
      </ul>
    </nav>
    <a href="#book-a-table" class="book-a-table-btn scrollto d-none d-lg-flex">Book a table</a>
  </div>
<script>
  AOS.init({
    offset:20,
    duration:2000,
  });
</script>
</header>
<section id="hero" class="d-flex align-items-center">
<div class="container position-relative text-center text-lg-start" data-aos="zoom-in" data-aos-delay="100">
<div class="row">
<div class="col-lg-8">
  <h1>Welcome to <span>HOT N' FAST</span></h1>
```

```

<h2>Delivering The Taste of India...</h2>

<div class="btns">
  <a href="#menu" class="btn-menu animated fadeInUp scrollto">Our Menu</a>
  <a href="#book_table" class="btn-book animated fadeInUp scrollto">Book a Table</a>
</div>
</div>
<div class="col-lg-4 d-flex align-items-center justify-content-center position-relative">
  <a href="https://www.youtube.com/watch?v=u6BOC7CDUTQ" class="lightbox play-btn" data-aos="zoom-in"
data-aos-delay="200"></a>
</div>
</div>
</div>
</section>
<section id="about" class="about">
<div class="container" data-aos="fade-up">

<div class="row">
<div class="col-lg-6 order-1 order-lg-2" data-aos="zoom-in" data-aos-delay="100">
  <div class="about-img">
    
  </div>
</div>
<div class="col-lg-6 pt-4 pt-lg-0 order-2 order-lg-1 content">
  <h3>Welcome to <b>'HOT N' FAST</b>, where culinary excellence meets unmatched hospitality.</h3><br>
  <p class="fst-italic">At <b>HOT N' FAST</b>, we strive to provide our guests with an unforgettable dining
experience. Nestled in the heart of INDIA, our restaurant offers a cozy and inviting atmosphere perfect for intimate
dinners, family gatherings, or celebrations with friends.
  </p><br>
  <ul>
    <li><i class="bi bi-check-circle"></i> Over the years, we've grown into a renowned dining establishment known
for our commitment to quality, hospitality, and community.</li>
    <li><i class="bi bi-check-circle"></i> At <b>HOT N' FAST</b>, we believe that great food brings people together.
</li>
    <li><i class="bi bi-check-circle"></i> We are committed to providing our guests with exceptional service from
the moment they walk through our doors.</li>
  </ul>

  <h4>Join Us</h4>

  <p>
    We invite you to join us at <b>HOT N' FAST</b> and embark on a culinary journey
that celebrates the art of food and hospitality. Whether you're a local resident or visiting from out of town, we look
forward to welcoming you into our warm and inviting space.<br><br>
    Come dine with us and discover why <b>HOT N' FAST</b> is more than just a place
to eat—it's an experience to savor and cherish.
  </p>
</div>
</div>
</section>
<script>
let menuFilters = select('#menu-filters li', true);

on('click', '#menu-filters li', function(e) {
  e.preventDefault();
  menuFilters.forEach(function(el) {
    el.classList.remove('filter-active');
  });
});

```

```

this.classList.add('filter-active');

menuIsotope.arrange({
  filter: this.getAttribute('data-filter')
});
menuIsotope.on('arrangeComplete', function() {
  AOS.refresh()
});
}, true);
</script>
<section id="menu" class="menu section-bg">
<div class="container" data-aos="fade-up">

<div class="section-title">
  <h2>Menu</h2>
  <p>Check Our Tasty Menu</p>
</div>

<div class="row" data-aos="fade-up" data-aos-delay="100">
  <div class="col-lg-12 d-flex justify-content-center">
    <ul id="menu-filters">
      <li data-filter="*" class="filter-active">All</li>
      <li data-filter=".filter-starters">Starters</li>
      <li data-filter=".filter-salads">Salads</li>
      <li data-filter=".filter-specialty">Specialty</li>
    </ul>
  </div>
</div>

<div class="row menu-container" data-aos="fade-up" data-aos-delay="200">

  <div class="col-lg-6 menu-item filter-starters">
    
    <div class="menu-content">
      <a href="#">Samosa</a><span>₹25/-</span>
    </div>
    <div class="menu-ingredients">
      Lorem, deren, trataro, filede, nerada
    </div>
  </div>

  <div class="col-lg-6 menu-item filter-specialty">
    
    <div class="menu-content">
      <a href="#">Dosa</a><span>₹250/-</span>
    </div>
    <div class="menu-ingredients">
      Lorem, deren, trataro, filede, nerada
    </div>
  </div>

  <div class="col-lg-6 menu-item filter-starters">
    
    <div class="menu-content">
      <a href="#">Paneer Tikka</a><span>₹450/-</span>
    </div>
    <div class="menu-ingredients">
      Rosted paneer garnished with tomato and capsicum
    </div>
  </div>

```

```
</div>
<div class="col-lg-6 menu-item filter-salads">
  
  <div class="menu-content">
    <a href="#">Chana Salad</a><span>₹200/-</span>
  </div>
  <div class="menu-ingredients">
    Lorem, deren, trataro, filede, nerada
  </div>
</div>
<div class="col-lg-6 menu-item filter-specialty">
  
  <div class="menu-content">
    <a href="#">Dal Bati Churma</a><span>₹450/-</span>
  </div>
  <div class="menu-ingredients">
    Grilled chicken with provolone, artichoke hearts, and roasted red pesto
  </div>
</div>
<div class="col-lg-6 menu-item filter-salads">
  
  <div class="menu-content">
    <a href="#">Guava Salad</a><span>₹250/-</span>
  </div>
  <div class="menu-ingredients">
    Fresh guava, crisp romaine, onions, and Greek olives
  </div>
</div>
</div>
</div>
</section>
<section id="book-a-table" class="book-a-table">
<div class="container" data-aos="fade-up">

  <div class="section-title">
    <h2>Reservation</h2>
    <p>Book a Table</p>
  </div>

  <form id="reservation-form">
  <div class="row">
    <div class="form-group col-md-6">
      <input type="text" name="name" id="name" placeholder="Your Name">
    </div>
    <div class="form-group col-md-6">
      <input type="email" name="email" id="email" placeholder="Your Email">
    </div>
  </div>
  <div class="row">
    <div class="form-group col-md-6">
      <input type="text" name="phone" id="phone" placeholder="Your Phone">
    </div>
    <div class="form-group col-md-6">
      <input type="text" name="date" id="date" placeholder="Date">
    </div>
  </div>
  <div class="row">
    <div class="form-group col-md-6">
```



```

        <input type="text" name="time" id="time" placeholder="Time">
    </div>
    <div class="form-group col-md-6">
        <input type="number" name="people" id="people" placeholder="# of people">
    </div>
</div>
<div class="row">
    <div class="form-group col-md-12">
        <textarea name="message" id="message" rows="5" placeholder="Message"></textarea>
    </div>
</div>
<div class="row">
    <div class="form-group col-md-12">
        <button type="submit">Book a Table</button>
    </div>
</div>
</form>
</div>
</section>
<footer id="footer">
    <div class="footer_top">
        <div class="container">
            <div class="row">
                <div class="col">
                    <div class="footer_info">
                        <h3>HOT N' FAST</h3>
                        <p>
                            B-170 Shri Ram Enclave<br>
                            HR 122102, INDIA<br><br>
                            <strong>Phone:</strong> +91
                            9867554354<br>
                            hotnfast@gmail.com<br>
                            <strong>Email:</strong>
                        </p>
                        <div class="social-links mt-3">
                            <a href="#" class="twitter"><i class="bx bxl-
twitter"></i></a>
                            <a href="#" class="facebook"><i class="bx
bxl-facebook"></i></a>
                            <a href="#" class="instagram"><i class="bx
bxl-instagram"></i></a>
                            <a href="#" class="google-plus"><i class="bx
bxl-skype"></i></a>
                            <a href="#" class="linkedin"><i class="bx bxl-
linkedin"></i></a>
                        </div>
                    </div>
                </div>
            </div>
        </div>
        <div class="col-lg-2 col-md-6 footer-links">
            <h4>Useful Links</h4>
            <ul>
                <li><i class="bx bx-chevron-right"></i><a
href="#">Home</a></li>
                <li><i class="bx bx-chevron-right"></i><a
href="#">About Us</a></li>
                <li><i class="bx bx-chevron-right"></i><a
href="#">Services</a></li>

```

```
<li><i class="bx bx-chevron-right"></i><a href="#">Terms of Services</a></li>  
    <li><i class="bx bx-chevron-right"></i><a href="#">Privacy & Policy</a></li>  
</ul>  
</div>  
  
<div class="col-lg-3 col-md-6 footer-links">  
    <h4>Our Services</h4>  
    <ul>  
        <li><i class="bx bx-chevron-right"></i><a href="#">Web Design</a></li>  
        <li><i class="bx bx-chevron-right"></i><a href="#">Web Development</a></li>  
        <li><i class="bx bx-chevron-right"></i><a href="#">Product Management</a></li>  
        <li><i class="bx bx-chevron-right"></i><a href="#">Marketing</a></li>  
        <li><i class="bx bx-chevron-right"></i><a href="#">Graphic Design</a></li>  
    </ul>  
</div>  
  
    <div class="newsletter">  
        <h4>Our Newsletter</h4>  
        <p>We are glad to have you here</p>  
        <form action="" method="post">  
            <input type="email" name="email">  
            <input type="submit" value="Subscribe">  
        </form>  
    </div>  
</div>  
</div>  
</footer>  
<div class="preloader">  
</div>  
</body>  
</html>
```

# SCREEN SHOTS

## #JAVASCRIPT:-

```
window.onload=function(){
  setTimeout(function(){
    document.querySelector('.preloader').style.display='none';
  },500);
}
document.addEventListener("DOMContentLoaded", function() {
  const form = document.getElementById("reservation-form");
  const responseMessage = document.getElementById("response-message");

  form.addEventListener("submit", function(event) {
    event.preventDefault(); // Prevent form submission
    // Your form validation logic here
    // For simplicity, let's assume the form is always valid
    // In a real-world scenario, you'd need to validate the form fields

    // Simulate form submission success
    responseMessage.textContent = "Your booking request was sent. We will call back or send an Email to confirm your reservation. Thank you!";
    responseMessage.style.color = "#18d26e";
    responseMessage.style.display = "block";

    // Clear form fields
    form.reset();
  });
});
```

## #CSS:-

```

*{
  margin: 0;
}
body{
  font-family: "Open Sans",sans-serif;
  background:#0c0b09;
  color: #fff;
}
a{
  color: #cda45e;
  text-decoration: none;
}
a.hover{
  color: #d9ba85;
  text-decoration: none;
}
h1,h2,h3,h4,h5,h6{
  font-family: "Playfair Display",serif;
}

.preloader {
  position: fixed;
  top: 0;
  left: 0;
  right: 0;
  bottom: 0;
  z-index: 9999;
  overflow: hidden;
  background: #1a1814;
  opacity: 98%;
}

.preloader:before {
  content: "";
  position: fixed;
  top: calc(50% - 30px);
  left: calc(50% - 30px);
  border: 6px solid #1a1814;
  border-top-color: #cda45e;
  border-bottom-color: #cda45e;
  border-radius: 50%;
  width: 60px;
  height: 60px;
  animation: animate-preloader 1s linear infinite;
}

@keyframes animate-preloader {
```

```
0% {
    transform: rotate(0deg);
}

100% {
    transform: rotate(360deg);
}
}

#header{
    background: rgba(1,11,9,0.6);
    border-bottom: 1px solid rgba(12,11,9,0.6);
    transition: all 0.5s;
    z-index: 997;
    padding: 20px 0;
    margin: 20px 0px 0px 0px;
    top: 40px;
}

#header .logo {
    font-size: 28px;
    margin: 0 0 0 10px;
    padding: 0;
    line-height: 1;
    font-weight: 300;
    letter-spacing: 1px;
    text-transform: uppercase;
    font-family: "Poppins", sans-serif;
float: left;
}

#header .logo a {
    color: #fff;
}

#header .logo img {
    max-height: 40px;
}

.navbar{
    padding: 0;
    float: left;
    margin-top: 0;
}

.navbar ul {
    margin:0px 0px 0px 100px;
    padding: 0;
    display: flex;
    list-style: none;
    align-items: center;
}

.navbar li {
```

```
position: relative;
}

.navbar a,
.navbar a:focus {
  display: flex;
  align-items: center;
  justify-content: space-between;
  padding: 10px 0 10px 30px;
  color: #fff;
  white-space: nowrap;
  transition: 0.3s;
  font-size: 14px;
}

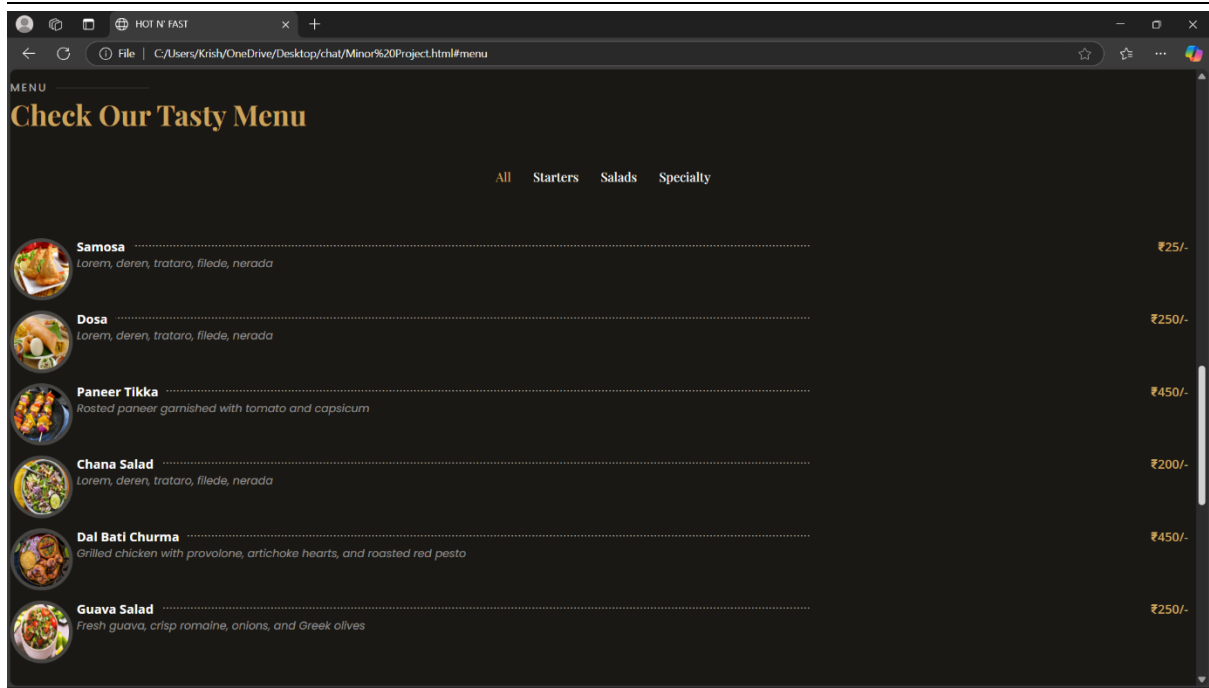
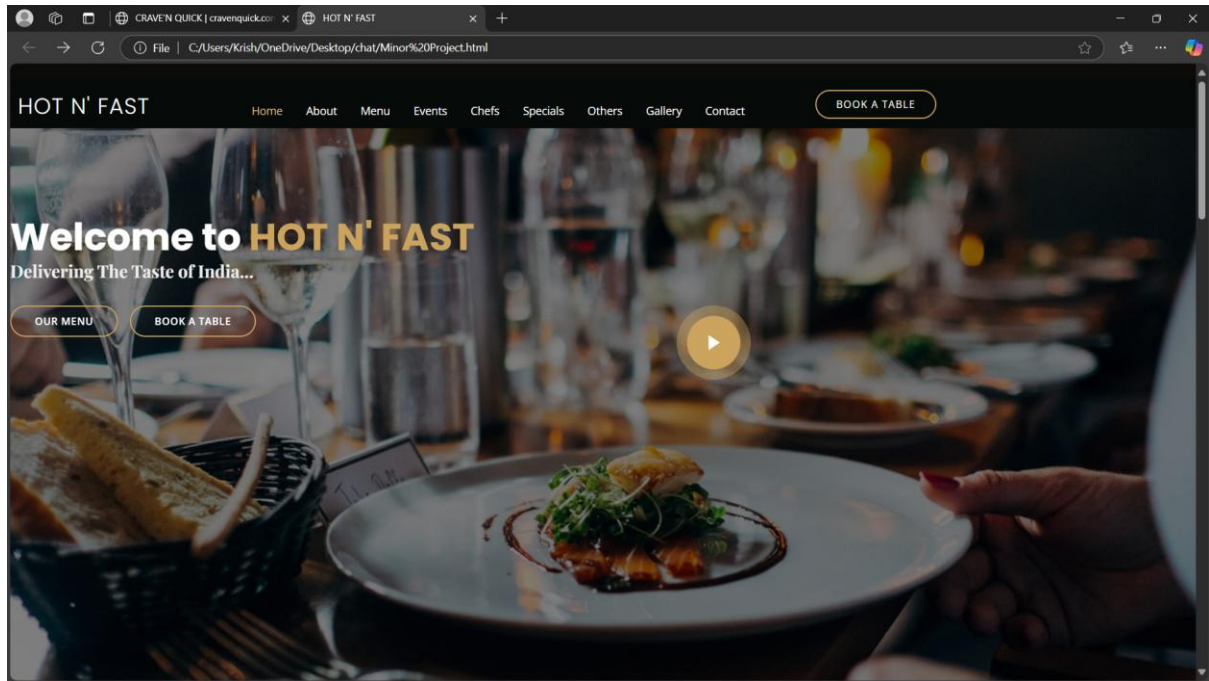
.navbar a i,
.navbar a:focus i {
  font-size: 12px;
  line-height: 0;
  margin-left: 5px;
}

.navbar a:hover,
.navbar .active,
.navbar .active:focus,
.navbar li:hover>a {
  color: #d9ba85;
}

.book-a-table-btn {
  margin: 0 0 0 15px;
  border: 2px solid #cda45e;
  color: #fff;
  border-radius: 50px;
  padding: 8px 25px;
  text-transform: uppercase;
  font-size: 13px;
  font-weight: 500;
  letter-spacing: 1px;
  transition: 0.3s;
}


.book-a-table-btn:hover {
  background: #cda45e;
  color: #fff;
}
```

# FINAL OUTPUT



HOT N' FAST

File | C:/Users/Krishy/OneDrive/Desktop/chat/Minor%20Project.html#contact



RESERVATION

Book a Table

Your Name

Your Email

Your Phone

Date

Time

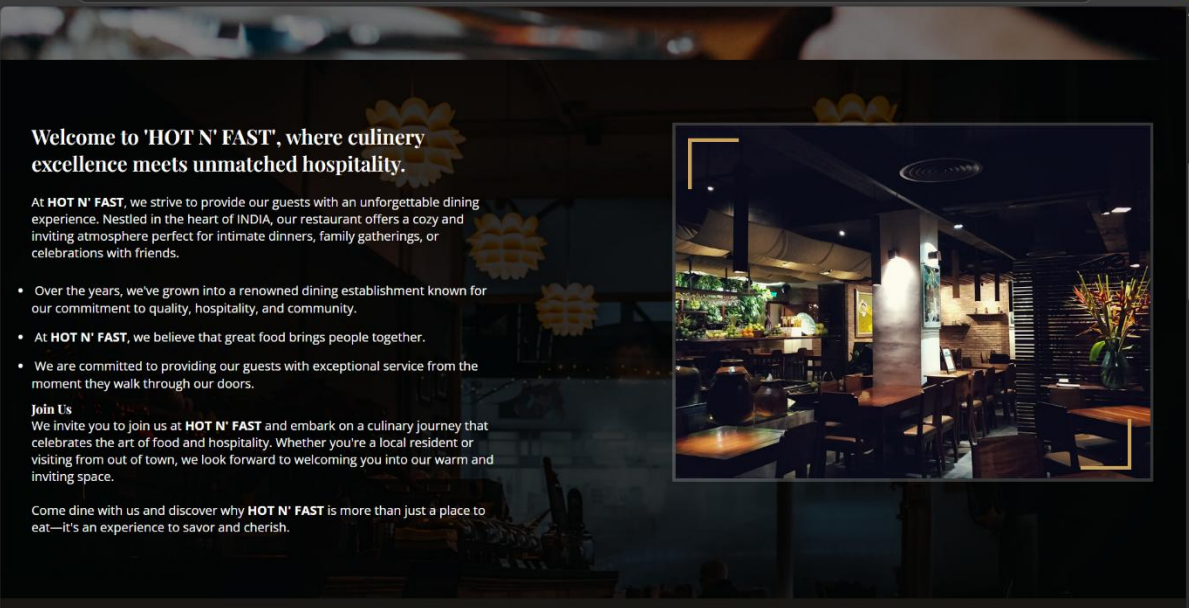
# of people

Message

Book a Table

HOT N' FAST

File | C:/Users/Krishy/OneDrive/Desktop/chat/Minor%20Project.html#book-a-table




Welcome to 'HOT N' FAST', where culinary excellence meets unmatched hospitality.

At **HOT N' FAST**, we strive to provide our guests with an unforgettable dining experience. Nestled in the heart of INDIA, our restaurant offers a cozy and inviting atmosphere perfect for intimate dinners, family gatherings, or celebrations with friends.

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Come dine with us and discover why **HOT N' FAST** is more than just a place to eat—it's an experience to savor and cherish.



HOT N' FAST

B-170 Shri Ram Enclave  
HR 122102, INDIA

Phone: +91 9867554354  
Email: hotnfast@gmail.com

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[About Us](#)  
[Services](#)  
[Terms of Services](#)  
[Privacy & Policy](#)

Our Services

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