

# **Front-End UI/UX Mini Project**

## **Project Submission Template**

### **1. Title Page**

- **Project Title:** Restaurant Landing page
- **Submitted By:**
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- **Course:** *UI/UX Design Fundamentals*
- **Instructor Name:** Dhiraj J
- **Institution:** *Christ University*
- **Date of Submission:** *11/08/2025*

### **2. Abstract**

A short summary (100–150 words) of the project including:

- What the project is about
- The key goal of the project
- Core technologies used
- Final outcome and usefulness

*Example:*

This project aims to design and develop a responsive personal portfolio website using only HTML and CSS. The website showcases the user's skills, projects, resume, and contact form. The focus was on clean UI, responsive layout, and visual hierarchy.

### **3. Objectives**

Clearly list the project goals:

- Design a user-friendly interface using modern UI principles
- Develop a fully responsive layout using only HTML and CSS



- Implement structured HTML5 semantic elements
- Apply CSS styling for branding, layout, and responsive behavior
- Ensure accessibility and readability across devices

#### 4. Scope of the Project

Explain what the project includes and any boundaries:

- Focused on front-end design only
- No JavaScript or server-side integration
- Intended for desktop, tablet, and mobile viewports
- Used only open-source tools and pure code (no libraries)

#### 5. Tools & Technologies Used

Tool/Technology	Purpose
HTML5	Markup and content structure
CSS3	Styling and layout management
VS Code	Code editor
Chrome DevTools	Testing and debugging

#### 6. HTML Structure Overview

- Used semantic tags: <header>, <nav>, <main>, <section>, <footer>
- Structured into reusable sections: About, Projects, Contact
- Navigation menu using <ul> and anchor links for smooth scrolling

#### 7. CSS Styling Strategy

- Used external CSS file (style.css)
- Organized with comments and sections
- Techniques used:
  - Flexbox and Grid for layout
  - Media Queries for responsiveness

- CSS Variables for theme customization
- Hover effects and transitions
- Mobile-first design approach

## 8. Key Features

Feature	Description
<b>Responsive Design</b>	Adapts seamlessly to all screen sizes
<b>Smooth Navigation</b>	Fixed top nav with anchor links
<b>Project Cards</b>	Flex-based layout with hover effects
<b>Contact Form (non-functional)</b>	Placeholder layout for inputs and button
<b>Accessible Fonts &amp; Colors</b>	High contrast and readable typography

## 9. Challenges Faced & Solutions

Challenge	Solution
<b>Overlapping elements on small screens</b>	Used media queries to stack elements
<b>Difficulty aligning items using float</b>	Shifted to Flexbox and Grid
<b>Typography scaling issue</b>	Used relative units (em/rem) instead of px

## 10. Outcome

- Achieved a clean, consistent, and visually engaging front-end layout
- All key components function as intended using just HTML and CSS
- Learned about layout responsiveness and UI hierarchy in depth

## 11. Future Enhancements

- Add JavaScript for interactivity (form validation, dynamic content)
- Integrate animations or transitions
- Backend integration for form submission
- Theme toggler (light/dark mode)



## 12. Sample Code

```
<!DOCTYPE html>

<html lang="en" xmlns="http://www.w3.org/1999/html">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Gourmet Haven</title>

  <style>

    body {

      margin: 0;

      font-family: Arial, sans-serif;

      background-color: #fff8f0;

      color: #333;

    }

    /* Header */

    header {

      display: flex;

      justify-content: space-between;

      align-items: center;

      background-color: #b44b2e;

      padding: 15px 30px;

      color: white;

    }

    header h1 {

      font-size: 24px;
```



**margin: 0;**

**}**

**header nav a {**

**color: white;**

**text-decoration: none;**

**margin: 0 10px;**

**font-weight: bold;**

**}**

**header nav a:hover {**

**text-decoration: underline;**

**}**

**/\* Hero Section \*/**

**.hero {**

**background: url('https://images.unsplash.com/photo-1600891964599-f61ba0e24092')**  
**center/cover no-repeat;**

**height: 70vh;**

**display: flex;**

**justify-content: center;**

**align-items: center;**

**color: white;**

**text-shadow: 2px 2px 8px black;**

**font-size: 3rem;**

**font-weight: bold;**

**}**



**/\* Menu \*/**

```
.menu {  
  padding: 50px;  
  text-align: center;  
}  
  
.menu h2 {  
  font-size: 2rem;  
  margin-bottom: 20px;  
}  
  
.menu-grid {  
  display: grid;  
  grid-template-columns: repeat(3, 1fr);  
  gap: 20px;  
}  
  
.menu-card {  
  background-color: white;  
  border-radius: 12px;  
  overflow: hidden;  
  box-shadow: 0 2px 8px rgba(0,0,0,0.2);  
  transition: transform 0.3s ease;  
}  
  
.menu-card:hover {  
  transform: scale(1.05);  
}  
  
.menu-card img {  
  width: 100%;  
  height: 200px;
```



```
    object-fit: cover;
}

.menu-card h3 {
    margin: 10px;
    font-size: 1.2rem;
}

.menu-card p {
    margin: 0 10px 15px;
    font-size: 0.9rem;
    color: #666;
}

/* About Us */

.about {
    display: flex;
    padding: 50px;
    gap: 20px;
    align-items: center;
}

.about img {
    width: 50%;
    border-radius: 12px;
}

.about div {
    flex: 1;
}

.about h2 {
```



```
font-size: 2rem;  
margin-bottom: 15px;  
}
```

```
/* Contact */
```

```
.contact {  
    padding: 40px;  
    text-align: center;  
}  
.contact i {  
    color: #b44b2e;  
    margin-right: 8px;  
}  
.contact p {  
    margin: 5px 0;  
}
```

```
/* Footer */
```

```
footer {  
    background-color: #b44b2e;  
    color: white;  
    padding: 20px;  
    text-align: center;  
}  
footer .social a {  
    color: white;  
    margin: 0 8px;
```





```
font-size: 20px;
}
footer form {
margin: 15px 0;
}
footer input {
padding: 8px;
border: none;
border-radius: 5px;
}
footer button {
padding: 8px 12px;
background-color: white;
color: #b44b2e;
border: none;
border-radius: 5px;
cursor: pointer;
}
</style>
</head>
<body>

<header>
<h1>Gourmet Haven</h1>
<nav>
<a href="#menu">Menu</a>
<a href="#about">About</a>
```



[Contact](#contact)

Deliciousness Awaits

Our Menu

 alt="Pizza"/>

Margherita Pizza

Classic delight with fresh tomatoes, mozzarella & basil.

 alt="Burger"/>

Cheese Burger

Juicy beef patty with melted cheddar and fresh veggies.

 alt="Pasta"/>

Alfredo Pasta

Creamy Alfredo sauce tossed with fettuccine & parmesan.



</div>

</div>

</section>

<section id="about" class="about">



<div>

<h2>About Us</h2>

<p>At Gourmet Haven, we believe food is an art. Our chefs blend tradition and innovation to create flavors you'll never forget.</p>

</div>

</section>

<section id="contact" class="contact">

<h2>Contact Us</h2>

<p><i class="fas fa-user"></i> Father Daniel</p>

<p><i class="fas fa-phone"></i> +91 90805 77569</p>

<p><i class="fas fa-envelope"></i> danidanidiscodaniel@pookiemail.com</p>

<p><i class="fas fa-map-marker-alt"></i> 9 Dubai,Dubai kuruku sandhu,Dubai Main Road,Dubai</p>

</section>

<footer>

<div class="social">

<a href="#"><i class="fab fa-facebook"></i></a>

<a href="#"><i class="fab fa-instagram"></i></a>

<a href="#"><i class="fab fa-twitter"></i></a>



</div>

<form>

<input type="email" placeholder="Subscribe to newsletter">/input>

<button type="submit">Subscribe</button>

</form>

<p>&copy; 2025 Gourmet Haven. All Rights Reserved.</p>

</footer>

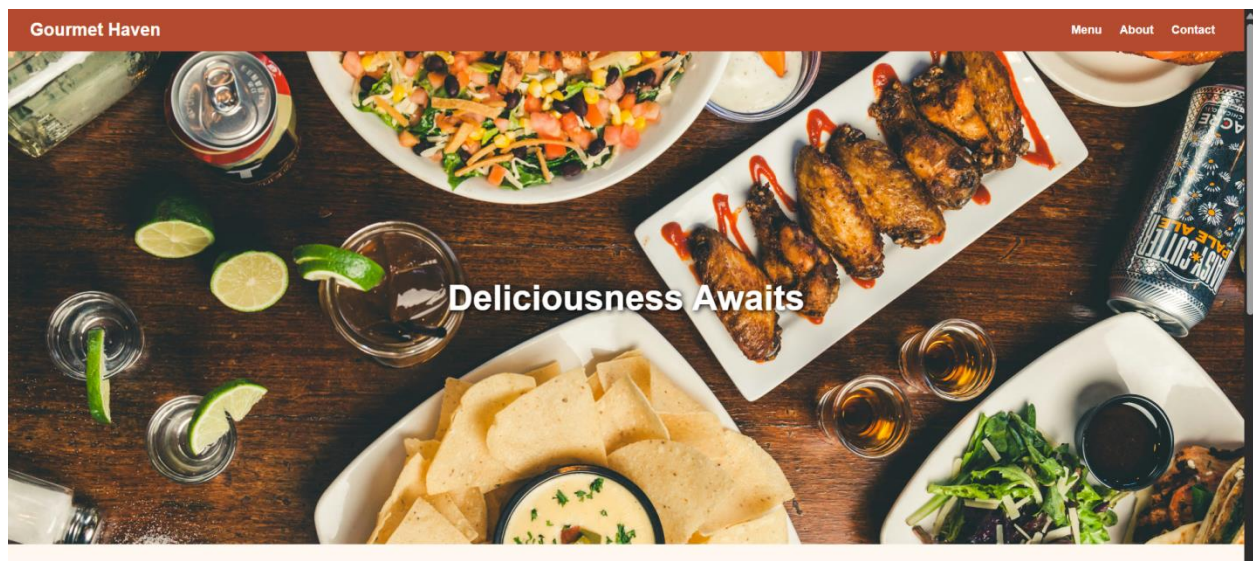
<!-- Font Awesome for Icons -->

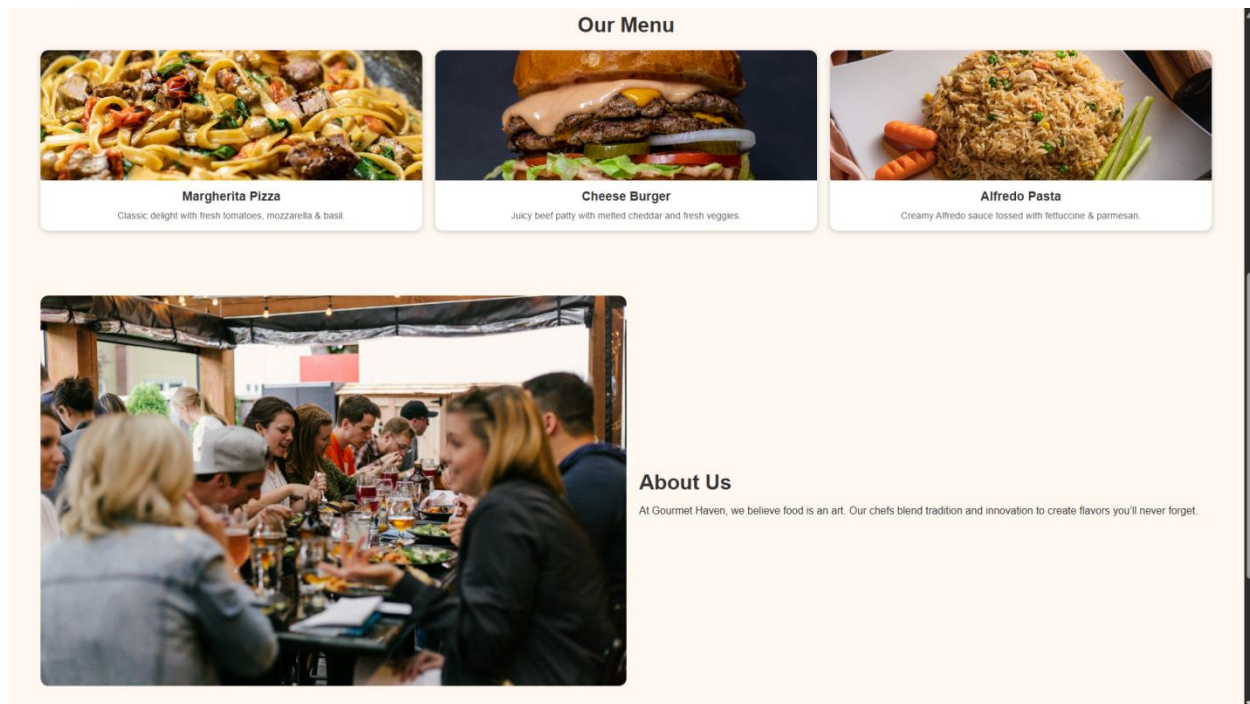
<script src="https://kit.fontawesome.com/a076d05399.js"  
crossorigin="anonymous"></script>

</body>

</html>

### 13. Screenshots of Final Output





## 11. Conclusion

The Restaurant Landing Page project successfully demonstrates the application of core UI/UX principles using only HTML and CSS. By focusing on clean design, semantic structure, and responsive layout, the team created a visually appealing and user-friendly interface that effectively showcases the restaurant's brand and offerings. The project highlights essential front-end skills such as layout management with Flexbox and Grid, responsive design through media queries, and accessibility through thoughtful typography and color choices.

Despite working within the constraints of pure front-end technologies, the final outcome delivers a professional and engaging experience across devices. This project not only strengthened our understanding of HTML5 and CSS3 but also emphasized the importance of design consistency, content hierarchy, and user-centric thinking. It lays a solid foundation for future enhancements like interactivity, animations, and backend integration, making it a scalable and adaptable solution for real-world applications.

## 12. References

- L&T LMS : <https://learn.intedutech.com/Landing/MyCourse/>
- W3Schools HTML & CSS Documentation – <https://www.w3schools.com>
- MDS Web Docs – HTML& CSS : <https://developer.mozilla.org/>
- CSS Tricks – Flexbox Guide:<https://cdd-tricks.com/snippets/css/a-guide-to-flexbox>