Restaurant Landing Page

1.Title page:

Project Title: Restaurant Landing Page

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Instructor Name: Nagaveena
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2.Abstract

This project involves the design and development of a responsive restaurant landing page that serves as the digital front door to a restaurant's brand. The goal was to create an attractive, easy-to-navigate interface that communicates the restaurant's identity, showcases popular menu items, and provides essential information like location and contact details. The project uses HTML5, CSS3, and basic JavaScript for smooth scrolling and interactivity. The outcome is a visually appealing and functional landing page that enhances user engagement and can be expanded in the future for online ordering and reservations.

3.Objectives

• Design a visually engaging hero section to capture user attention
• Showcase menu highlights in a clean, responsive grid layout
• Present an 'About Us' section to share the restaurant story
• Implement smooth navigation with anchor links
• Ensure mobile responsiveness across different devices

4.Scope of the Project

The project focuses on the front-end design of a restaurant landing page. It includes visual sections for branding, menu display, and information. It does not cover backend integration, online ordering, or advanced content management. The design is responsive for desktop, tablet, and mobile users.

5.Tools & Technologies Used

HTML5 – Markup and content structure

CSS3 – Styling and layout management

JavaScript – Smooth scrolling interactivity

VS Code – Code editor

Chrome DevTools – Testing and debugging

6.HTML Structure Overview
• Semantic tags: <header>, <nav>, <section>, <footer>
• Sections: Hero, Menu, About, Contact
• Navigation using anchor links for scrolling

7.CSS Styling Strategy
• External CSS file for maintainability
• Grid layout for menu items
• Media queries for responsiveness
• Hover effects for interactivity

8.Key Features
• Responsive Design – Works seamlessly across all devices

• Menu Preview – Grid layout with images and descriptions

• Smooth Navigation – Anchor links for quick access

• Clean Layout – Balanced use of images and text

9.Challenges Faced & Solutions
Challenge: Ensuring responsiveness on different devices
Solution: Implemented flexible grids and media queries

Challenge: Text readability on background images
Solution: Added text shadows and overlay effects

10.Outcome
The final landing page successfully presents the restaurant's brand in a modern and engaging way. Users can easily navigate between sections and view highlighted menu items. The responsive design ensures usability across desktop and mobile devices.

11.Future Enhancements
• Online ordering and payment integration

• Reservation booking system

• Dynamic menu updates from a database

• Customer reviews and ratings section

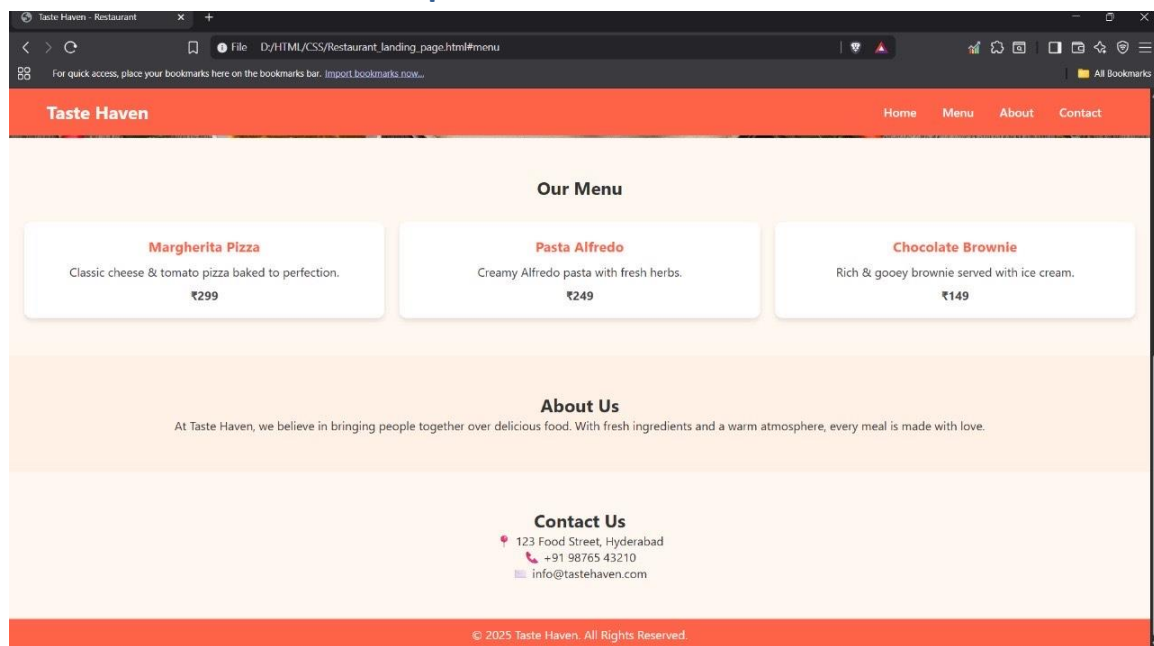• Social media feed integration

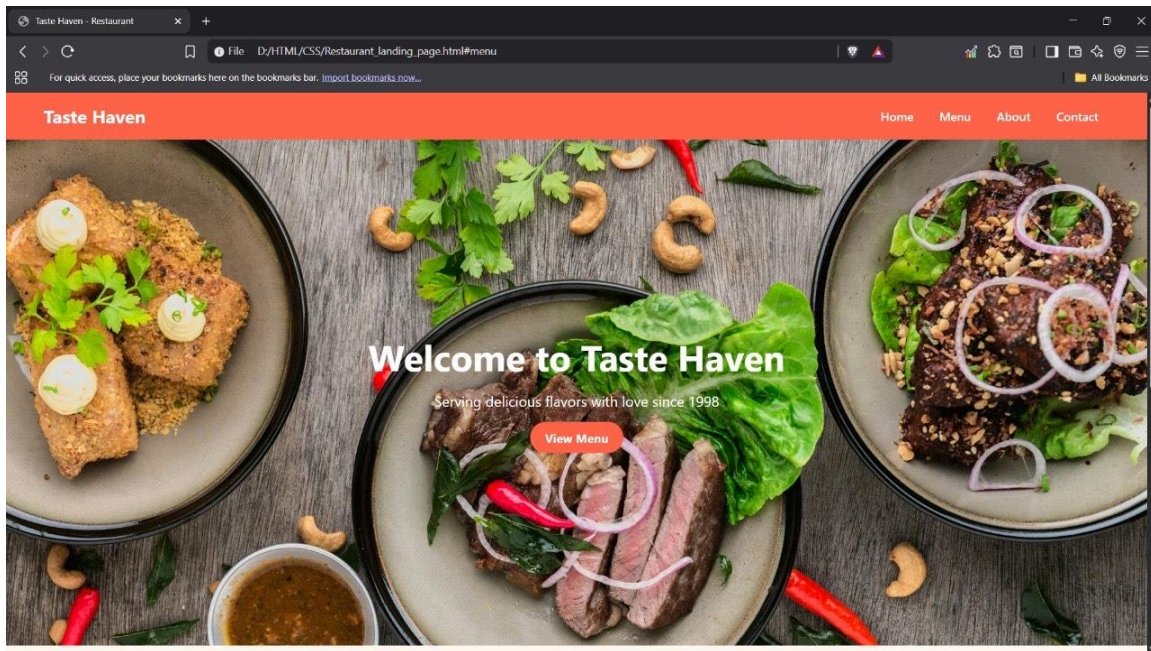## 12.Sample Code (2–3 Screens)

Hero Section HTML:

<section class="hero"> ... </section>

Menu Section HTML:

<section id="menu"> ... </section>

13.Screenshots of Final output

14.Conclusion

This project aimed to create a restaurant landing page that balances visual appeal with user-friendliness. Through the process, I improved my HTML structuring, CSS styling, and basic JavaScript integration skills. I also gained a better understanding of responsive design techniques, image optimization, and layout planning. The project has provided a solid foundation for developing more complex and interactive web applications in the future.

15.References

• L&T LMS: https://learn.lntedutech.com/Landing/MyCourse

• Unsplash (images): https://unsplash.com