Front-End UI/UX Mini Project

Project Title: Dan's Portfolio Website - A Responsive Personal Portfolio

Submitted By:

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Course: UI/UX Design Fundamentals

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Abstract

his project is a responsive, visually appealing, and user-friendly restaurant website designed for *Gourmet Haven*, a fine dining establishment. Built using HTML5 and CSS3, the site showcases the restaurant's signature menu, customer testimonials, and an easy call-to-action for reservations. The design emphasizes elegance, accessibility, and seamless navigation, with smooth scrolling and modern UI elements. This project applies core front-end development principles, focusing on clean layout, color harmony, and device responsiveness, creating a professional online presence for a premium dining brand.

Objectives

- To design a visually appealing fine dining restaurant website using HTML5 and CSS3.
- To highlight menu items, customer reviews, and reservation options clearly.
- To ensure the website is fully responsive for desktop, tablet, and mobile devices.
- To use UI/UX best practices for readability, accessibility, and smooth navigation.
- To create a solid foundation for potential JavaScript and backend integration in the future.

Scope of the Project

- **Included:** Front-end design, responsive layouts, structured semantic HTML, and consistent styling.
- **Excluded:** Functional backend reservation system, payment processing, and dynamic content generation.
- Designed for **desktop, tablet, and mobile** viewports with smooth scrolling and section-based layout.

Tools & Technologies Used

Tool/Technology	Purpose
HTML5	Semantic structure of the website
CSS3	Styling, layout, and responsiveness
Responsive Design Techniques	Flexbox, Grid, Media Queries
Google Fonts / System Fonts	Typography
Browser DevTools	Debugging and testing

HTML Structure Overview

- Semantic tags: <header>, <nav>, <main>, <section>, <footer>

- Sections: About, Projects, Contact

- Navigation bar with smooth scrolling anchor links

CSS Styling Strategy

- Variables (`:root`) for consistent theme colors and fonts
- Flexbox and Grid for layout arrangement
- Media queries for responsive design at breakpoints
- Box-shadows, border-radius, and hover effects for modern feel
- Sticky header for easy navigation access

Key Features

Feature	Description
Responsive Design	Works seamlessly on desktop, tablet, and mobile
Sticky Navigation	Keeps menu accessible at all times
Hero Section	Engaging headline and call-to-action button
Menu Highlights	Signature dishes with descriptions and prices
Testimonials	Customer reviews in a card layout
Reservation CTA	Prominent call-to-action to encourage booking

Challenges Faced & Solutions

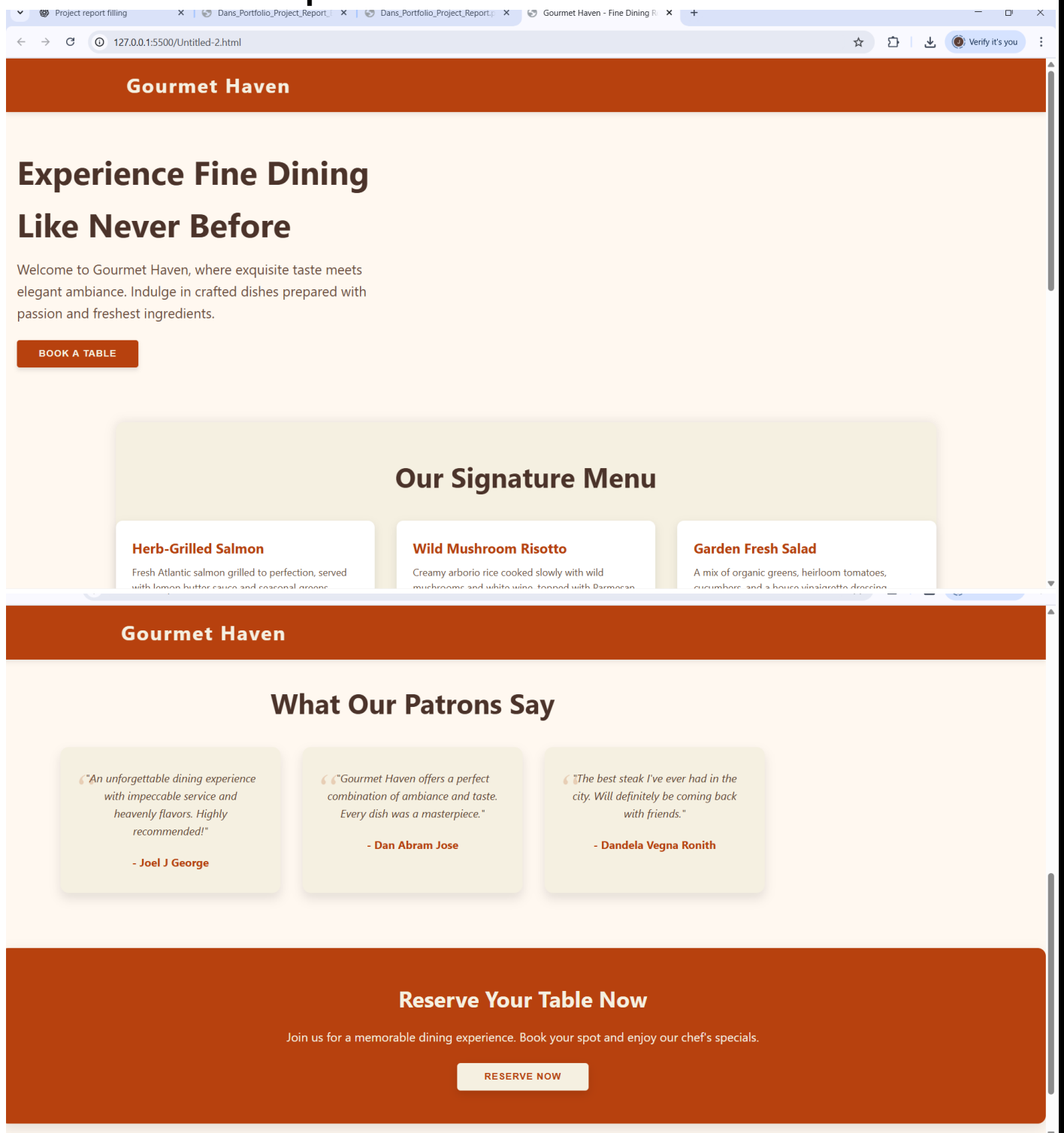| Challenge	Solution
Maintaining visual balance across devices	Used CSS Grid and Flexbox with media queries
Text readability on different backgrounds	Applied high-contrast color schemes
Smooth scrolling and navigation	Used `scroll-behavior: smooth` in CSS

Outcome

- A visually appealing, responsive personal portfolio website

- Clear presentation of projects and skills

- Compatibility across devices and screen sizes

- Easy to update for future enhancements

- Demonstration of professional web design practices

Future Enhancements

- Add JavaScript for interactivity

- Backend integration for form submissions

- Implement animations for a more engaging experience

- Add a theme toggler for light/dark modes

Screenshot and output

Conclusion

The *Gourmet Haven – Fine Dining Restaurant Website* meets its objective of providing an elegant and user-friendly platform for showcasing the restaurant's offerings. The design's responsiveness, clean layout, and strategic use of UI/UX principles enhance the brand's professional image while setting a foundation for future functionality.

References

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