Project Title: The Velvet Fork

Description: The Velvet Fork is a restaurant website created to offer the best user experience possible for any food lover. It contains a very welcoming Home Page with the summary of restaurant offers and atmosphere. It offers the possibility to review a nicely categorized menu, read about the resturants history and values, and even make reservations directly on the site. Core features include the use of an interactive reservation system that will allow users to make table reservations with ease and efficiency and store reservation data safely. It has a gallery to showcase dishes and events, and it uses JavaScript for interactivity, which enables form validation.

Pages:

1. Home Page

- Welcome message and a brief overview of the restaurant.
- Feature an image carousel showcasing signature dishes or the restaurant ambiance.
- Include a "Book a Table" action.

2. Menu Page

- Full restaurant menu with categorized sections (Appetizers, Main Courses, Desserts, Drinks).
- Detailed descriptions and prices for each item.
- Admin functionality to add/edit/delete menu items.

3. About/Contact Page

- Overview of the restaurant's history, values, or inspiration.
- Include location details, hours of operation, and a contact form.
- Embedded Google Maps showing the restaurant's location. (if possible)

4. Reservation Page

- Form to book a table, including fields like date, time, number of guests, and special requests.
- Store the reservations in the database.
- Admin functionality to view/edit/delete reservations.

5. Gallery/Events Page

- Photo gallery of dishes, interior decor, and past events.
- Option to showcase upcoming events (e.g., live music nights, special tasting menus).

Database Requirements

- Menu Items: Store item names, descriptions, categories, prices, and dietary options.
- Reservations: Store customer name, email, phone number, date/time of reservation, and party size.
- Gallery/Events: Store image URLs and event descriptions.

Features

- Data Management: Allow admins to add, edit, or delete menu items and reservations.
- Interactive Forms: Booking and contact forms to store customer data.
- Responsive Design: Ensure the website is fully functional on desktop and mobile devices.
- Copyright-Free Material: Use royalty-free images and custom text.

Data Storage, Manipulation, and Viewing

Reservation Data Stored:

- Customer name
- Email
- Phone number
- Date and time of reservation
- Party size
- Special requests

Actions:

- Users can submit reservations through a form on the Reservation Page.
- Reservations will be stored persistently in a database.
- Administrators can view, edit, or delete reservations via a backend interface.

Client-Side JavaScript

Form Validation

- Validates required fields (e.g., name, email, phone number) on the Reservation Page to ensure accuracy and completeness.

Confirmation Message

- Displays a success message to users upon successful reservation submission.