**Mini project:- Restaurant Website**

1. **Introduction**

In today's digital era, an online presence is essential for businesses, especially in the food and hospitality industry. A restaurant website serves as a virtual storefront that showcases the menu, ambience, services, location, and contact information. It helps in attracting new customers, managing reservations, and building trust and credibility.

This project focuses on developing a fully responsive and visually appealing restaurant website using only HTML and CSS. The website will include essential sections such as Home, About Us, Menu, Gallery, Contact, and Reservation. The design will emphasize user experience, accessibility, and aesthetics to provide visitors with a clear understanding of the restaurant's offerings.

* 1. Problem Statement.

Many small and medium-sized restaurants lack a professional online presence, limiting their visibility and customer engagement. Without a well-designed website, they miss out on the opportunity to attract new customers, display their menu online, and provide vital information like location, business hours, or online booking options.

* 1. Objectives.
* **Design a Static Restaurant Website:**Create a visually appealing and responsive static website using only HTML and CSS.
* **Showcase Core Information:**  
  Present essential details such as the restaurant's name, logo, menu, address, business hours, and contact information.
* **Implement Clear Navigation:**Design an intuitive and user-friendly navigation bar to help visitors easily access different sections like Home, About, Menu, Gallery, and Contact.
* **Create a Responsive Layout:**Ensure the website layout adjusts smoothly across various screen sizes including desktops, tablets, and smartphones using responsive CSS techniques.
* **Display Menu Items Attractively:**Organize and display the restaurant’s food and drink offerings with appealing visuals and styling.
* **Build a Contact Form:**Include a simple, styled contact or reservation form (non-functional/static) for users to fill out.
* **Use Clean and Structured Code:**Follow best practices in HTML and CSS to maintain clean, readable, and well-commented code for easier maintenance.
* **Enhance User Experience with Visual Elements:**Use CSS styling, fonts, colors, and images to create an inviting atmosphere that reflects the restaurant’s brand.
  1. **Scope of the project.**

This project involves the design and development of a static restaurant website using HTML and CSS, aimed at enhancing the restaurant’s online visibility and user engagement. The scope includes both the functional and design aspects of the website.

 **Static Web Pages:**

* Development of multiple HTML pages such as:
  + Home
  + About Us
  + Menu
  + Gallery
  + Contact

** Responsive Design:**

* The website will adapt to different screen sizes (mobile, tablet, desktop) using responsive CSS techniques like media queries.

** User Interface (UI):**

* A clean, modern, and easy-to-navigate layout.
* Use of colors, fonts, and images that match the restaurant’s theme.

** Contact/Reservation Form (Static):**

* A non-functional form for users to input reservation or contact details.

 **CSS Styling:**

* Use of internal or external CSS for layout, positioning, fonts, and effects (like hover states and transitions).

 **Navigation System:**

* A top or side navigation menu that links to each section of the site.

1. Technology Stack used
   1. Programming languages.
2. HTML (HyperText Markup Language):

* Used to create the structure and content of the website.
* Defines elements like headings, paragraphs, images, links, navigation menus, and forms.
* Core for creating all web pages (Home, About, Menu, Contact, etc.).

1. CSS (Cascading Style Sheets):

* Used for styling the HTML content.
* Handles layout, colors, fonts, spacing, responsiveness, and visual effects.
* Media queries are used for making the website responsive on different devices.
  1. Libraries/ Frameworks.
  2. Tools and platforms.