**PROJECT :**

**FOOD DELIVERING APP**

**OVERVIEW**

# Features:

* Home Page
* Order Page
* Sign In Page
* Help Page

# Technical Info:

* HTML(.html)
* CSS(.css)
* JavaScript(.js)
* JavaScript Object Notation(.json)
* Flask

# Requirements:

* Module:- flask
* Module:- json

Note : It’s just a development project under development server not by production server

**Let’s breakdown into modules**

* Food\_DELIVERING\_APP
* static
  + css
    - styles.css
  + images
    - restaurant.imgs
  + js
    - scripts.js
* templates
  + index.html
* app.py
* restaurants.json

Initializing the application

* Let’s initialize the application with a python file as app.py.
* **app.py** contains the following code snippet.
* Here the **Flask** module is imported with **render\_template**, **request**, **jsonify** also imported from **flask** and **json** also imported.
* **Flask application instance** is created as **app.**
* The **/** route loads the restaurant data again and renders the **index.html** template, passing the restaurant data to it.
* The **/search** route allows for filtering restaurants based on the passed in the query string. It returns a JSON response containing the filtered list of restaurants.

# app.py code snippet

from flask import Flask, render\_template, request, jsonify

import json

app = Flask(\_\_name\_\_)

with open('restaurants.json') as f : #data->JSON

    restaurants = json.load(f)

    print(restaurants)

@app.route('/')

def index():

    with open('restaurants.json') as f:

        restaurants = json.load(f)

    return render\_template('index.html', restaurants=restaurants)

@app.route('/search',methods=['GET']) #Search\_&\_filter\_feature:

def search():

    cuisine= request.args.get('cuisine').lower()

    filtered\_restaurants= [r for r in restaurants if cuisine in r['cuisine'].lower()]

    return jsonify(filtered\_restaurants)

if \_\_name\_\_ == '\_\_main\_\_':

    app.run(debug=True)

Home page initialization(index.html)

The **index.html** file forms the backbone of the Food Delivery **App's user interface, providing a structured, interactive, and visually appealing experience for users**. It integrates various sections, including navigation, restaurant display, and user interaction forms, ensuring a seamless flow throughout the application.

# index.html code snippet:

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Food Delivery App</title>

    <link rel="stylesheet" href="{{ url\_for('static', filename='css/styles.css') }}">

    <script src="{{ url\_for('static', filename='js/scripts.js') }}" defer></script>

</head>

<body>

    <!-- background\_waves -->

    <div class="background">

        <div class="wave"></div>

        <div class="wave"></div>

        <div class="wave"></div>

        <div class="wave"></div>

    </div>

    <!-- Navbar -->

    <nav>

        <ul>

            <li><a href="#" onclick="showHomePage()">Home</a></li>

            <li><a href="#" onclick="showOrdersPage()">Orders</a></li>

            <li><a href="#" onclick="showSignInPage()">Sign In</a></li>

            <li><a href="#" onclick="showHelpPage()">Help</a></li>

        </ul>

    </nav>

    <!-- main\_container -->

    <div class="container">

        <h1>Welcome to the Food Delivery App</h1>

        <section class="filter-section"><!-- search\_section -->

            <input type="text" id="searchBar" placeholder="Search by cuisine..." />

            <button id="searchButton">Search</button>

        </section>

        <section class="restaurant-grid"><!-- restaurant\_grid\_section\_cards -->

            {% for restaurant in restaurants %}

            <div class="restaurant-card" onclick="showDetails('{{ restaurant.name }}', '{{ restaurant.image }}', '{{ restaurant.cuisine }}', '{{ restaurant.details.description }}')">

                <img src="{{ restaurant.image }}" alt="{{ restaurant.name }}" />

                <h3>{{ restaurant.name }}</h3>

                <p>{{ restaurant.cuisine }}</p>

            </div>

            {% endfor %}

        </section>

        <section id="restaurantDetails" class="details-section" style="display: none;"><!-- restaurant\_details\_section -->

            <h2 id="detailsName"></h2>

            <img id="detailsImage" alt="Restaurant Image" />

            <p id="detailsCuisine"></p>

            <p id="detailsDescription"></p>

            <button id="closeDetailsButton" onclick="hideDetails()">Close</button>

        </section>

        <section id="ordersPage" class="orders-section" style="display: none;"><!-- orders\_page\_section -->

            <h2>Your Orders</h2>

            <p>Here you can view and manage your orders.</p>

        </section>

        <section id="helpPage" class="help-section" style="display: none;"><!-- help\_page\_section -->

            <h2>Help & Information</h2>

            <p>Welcome to the Food Delivery App! Here, you can order food from a variety of restaurants, manage your orders, and have a seamless experience.</p>

            <h3>Contact Information</h3>

            <p>If you have any questions or need assistance, please contact us:</p>

            <p>Email: support@fooddeliveryapp.com</p>

            <p>Phone: (123) 456-7890</p>

        </section>

        <section id="signInPage" class="sign-in-section" style="display: none;"> <!-- sign\_in\_page\_section -->

            <h2>Sign In</h2>

            <form id="signInForm" onsubmit="handleSignIn(event)">

                <div>

                    <label for="username">Username:</label>

                    <input type="text" id="username" required>

                </div>

                <div>

                    <label for="password">Password:</label>

                    <input type="password" id="password" required>

                </div>

                <button type="submit">Sign In</button>

            </form>

        </section>

    </div>

</body>

</html>

Working of Functions(scripts.js)

The **scripts.js** provided is designed to handle various functionalities in your food delivery app, such as **page navigation, displaying restaurant details, handling user authentication, and implementing search functionality**. Here's a breakdown of each function:

**1. showHomePage()**

* **Purpose:** This function displays the home page content, including the restaurant grid and search bar.
* **Key Elements:**
  + It hides sections like the restaurant details, orders page, sign-in page, and help page.
  + Shows the restaurant grid and search bar.

**2. showOrdersPage()**

* **Purpose:** Displays the "Orders" section where users can manage and view their orders.
* **Key Elements:**
  + Hides other sections (restaurant grid, search bar, restaurant details, sign-in, and help page).
  + Only shows the "Orders" page.

**3. showSignInPage()**

* **Purpose:** Shows the sign-in form where users can enter their credentials.
* **Key Elements:**
  + Hides other sections such as the restaurant grid, search bar, orders page, and help page.
  + Displays the sign-in form for users to log in.

**4. handleSignIn(event)**

* **Purpose:** Handles the login logic when the user submits the sign-in form.
* **Key Elements:**
  + Prevents the default form submission to handle the login logic manually.
  + Logs the username and password, checks if the credentials match predefined values.
  + If valid, the user is alerted with a success message, and the home page is displayed.
  + If invalid, the user is alerted with an error message.

**5. showDetails(name, image, cuisine, description)**

* **Purpose:** Displays the detailed view of a selected restaurant.
* **Key Elements:**
  + Takes in the restaurant name, image, cuisine type, and description to populate the details section.
  + Hides the restaurant grid and search bar while showing the restaurant's detailed information.

**6. hideDetails()**

* **Purpose:** Hides the restaurant details and returns to the restaurant grid.
* **Key Elements:**
  + Hides the restaurant details and displays the restaurant grid and search bar again.

**7. showHelpPage()**

* **Purpose:** Displays the "Help" page with contact and support information.
* **Key Elements:**
  + Hides other sections (restaurant grid, search bar, details, orders, and sign-in).
  + Displays the help page with relevant information like contact email and phone number.

**8. Search Bar Functionality**

* **Purpose:** Filters the restaurant grid based on user input in the search bar.
* **Key Elements:**
  + The search bar listens for input events and checks if the entered query matches either the restaurant's cuisine type or name.
  + Shows the matching restaurants while hiding the others.

# Scripts.js Code snippet:

function showHomePage() // home\_page\_function

{

    const detailsSection = document.getElementById('restaurantDetails');

    const restaurantGrid = document.querySelector('.restaurant-grid');

    const filterSection = document.querySelector('.filter-section');

    const ordersPage = document.getElementById('ordersPage');

    const signInPage = document.getElementById('signInPage');

    filterSection.style.display = 'block';//search\_bar

    restaurantGrid.style.display = 'grid';//restaurant\_grid

    detailsSection.style.display = 'none';//hide\_details\_&\_sign\_in\_page\_&\_help\_page

    ordersPage.style.display = 'none';

    signInPage.style.display = 'none';

    helpPage.style.display = 'none';

}

function showOrdersPage() //order\_page

{

    const detailsSection = document.getElementById('restaurantDetails');

    const restaurantGrid = document.querySelector('.restaurant-grid');

    const filterSection = document.querySelector('.filter-section');

    const ordersPage = document.getElementById('ordersPage');

    const signInPage = document.getElementById('signInPage');

    restaurantGrid.style.display = 'none';//hide\_restaurant\_grid\_&\_seaarch\_bar\_&\_restaurant\_details

    filterSection.style.display = 'none';

    detailsSection.style.display = 'none';

    signInPage.style.display = 'none'; // hide\_sign\_page\_&\_help\_page

    helpPage.style.display = 'none';

    ordersPage.style.display = 'block';//show\_order\_page

}

function showSignInPage() //sign\_in\_page\_func

{

    const detailsSection = document.getElementById('restaurantDetails');

    const restaurantGrid = document.querySelector('.restaurant-grid');

    const filterSection = document.querySelector('.filter-section');

    const ordersPage = document.getElementById('ordersPage');

    const signInPage = document.getElementById('signInPage');

    restaurantGrid.style.display = 'none';//hide\_restaurant\_grid\_&search\_bar\_&\_orders\_&\_details\_&help\_page

    filterSection.style.display = 'none';

    detailsSection.style.display = 'none';

    ordersPage.style.display = 'none';

    helpPage.style.display = 'none';

    signInPage.style.display = 'block';//show\_sign\_in\_page

}

function handleSignIn(event) //sign\_in\_checeker

{

    event.preventDefault(); // Prevent the default form submission

    const username = document.getElementById('username').value;

    const password = document.getElementById('password').value;

    console.log(`Username: ${username}, Password: ${password}`);

    if (username === "testuser" && password === "password123") //sign\_in\_logic

    {

        alert("Sign in successful!");

        showHomePage(); //after\_sign\_in\_shows\_home\_page

    } else {

        alert("Invalid username or password.");

    }

    document.getElementById('signInForm').reset();//reset\_form\_fields

}

function showDetails(name, image, cuisine, description) //restaurant\_details\_displaying\_func

{

    const detailsSection = document.getElementById('restaurantDetails');

    const restaurantGrid = document.querySelector('.restaurant-grid');

    const filterSection = document.querySelector('.filter-section');

    document.getElementById('detailsName').textContent = name; //value\_assigning

    document.getElementById('detailsImage').src = image;

    document.getElementById('detailsImage').alt = name;

    document.getElementById('detailsCuisine').textContent = cuisine;

    document.getElementById('detailsDescription').textContent = description;

    detailsSection.style.display = 'block';//show\_res\_details

    restaurantGrid.style.display = 'none';//hide\_the\_rest\_of\_the\_grid

    filterSection.style.display = 'none'; //hide\_the\_search\_bar

}

function hideDetails() //func\_to\_hide\_details\_of\_spec\_restaurant

{

    const detailsSection = document.getElementById('restaurantDetails');

    const restaurantGrid = document.querySelector('.restaurant-grid');

    const filterSection = document.querySelector('.filter-section')

    detailsSection.style.display = 'none';//hide\_details\_sec

    restaurantGrid.style.display = 'grid';//show\_restaurant\_cards

    filterSection.style.display = 'block'; // Show the search bar

}

function showHelpPage() //func\_help\_page

{

    const detailsSection = document.getElementById('restaurantDetails');

    const restaurantGrid = document.querySelector('.restaurant-grid');

    const filterSection = document.querySelector('.filter-section');

    const ordersPage = document.getElementById('ordersPage');

    const signInPage = document.getElementById('signInPage');

    const helpPage = document.getElementById('helpPage');

    restaurantGrid.style.display = 'none';//hide\_restaurant\_grid\_,\_search\_bar\_,\_details\_section\_,\_order\_page\_,\_sign\_in\_page

    filterSection.style.display = 'none';

    detailsSection.style.display = 'none';

    ordersPage.style.display = 'none';

    signInPage.style.display = 'none';

    helpPage.style.display = 'block';//show\_help\_page

}

document.getElementById('searchBar').addEventListener('input', function() {

    const query = this.value.toLowerCase(); // current\_value\_of\_search\_bar

    const cards = document.querySelectorAll('.restaurant-card'); // get\_all\_restaurant\_cards

    cards.forEach(card => {

        const cuisine = card.querySelector('p').textContent.toLowerCase(); //get\_cuisine\_text\_from\_each\_restaurants

        if (cuisine.includes(query) || card.querySelector('h3').textContent.toLowerCase().includes(query)) {

            card.style.display = 'block'; // matched\_card

        } else {

            card.style.display = 'none'; // hide\_irrelevant\_card

        }

    });

});

Restaurants data (restaurants.json)

I have used json to hold the data of the restaurants .  
restaurants.json code snippet:

[

    {

        "name": "Olive Bistro",

        "image": "/static/images/Olive\_Bistro.jpeg",

        "cuisine": "Italian",

        "details": {

            "description": "A cozy bistro offering traditional Italian dishes made with fresh ingredients.",

            "specialties": "Pasta, Pizza, Tiramisu",

            "ambiance": "Romantic, Family-friendly",

            "location": "123 Olive Street, Gourmet City",

            "hours": "11 AM - 10 PM"

        }

    },

    {

        "name": "Pasta Palace",

        "image": "/static/images/Pasta\_Palace.jpg",

        "cuisine": "Italian",

        "details": {

            "description": "An upscale restaurant specializing in homemade pasta and classic Italian recipes.",

            "specialties": "Fettuccine Alfredo, Lasagna",

            "ambiance": "Elegant, Cozy",

            "location": "124 Pasta Road, Gourmet City",

            "hours": "12 PM - 11 PM"

        }

    },

    {

        "name": "Sukiyabashi Jiro",

        "image": "/static/images/Sukiyabashi\_Jiro.jpeg",

        "cuisine": "Japanese",

        "details": {

            "description": "Renowned sushi restaurant known for its exceptional craftsmanship.",

            "specialties": "Sushi, Sashimi",

            "ambiance": "Elegant, Quiet",

            "location": "456 Sushi Avenue, Tokyo",

            "hours": "12 PM - 2 PM, 6 PM - 10 PM"

        }

    },

    {

        "name": "Katsuya",

        "image": "/static/images/Katsuya.jpg",

        "cuisine": "Japanese",

        "details": {

            "description": "A modern izakaya offering a variety of traditional and contemporary Japanese dishes.",

            "specialties": "Katsu, Ramen",

            "ambiance": "Trendy, Casual",

            "location": "789 Ramen Street, Tokyo",

            "hours": "11 AM - 10 PM"

        }

    },

    {

        "name": "Taco Fiesta",

        "image": "/static/images/Taco\_Fiesta.jpg",

        "cuisine": "Mexican",

        "details": {

            "description": "Lively eatery serving up authentic Mexican tacos and margaritas.",

            "specialties": "Tacos, Nachos",

            "ambiance": "Festive, Casual",

            "location": "789 Taco Lane, Fiesta Town",

            "hours": "10 AM - 11 PM"

        }

    },

    {

        "name": "El Camino",

        "image": "/static/images/El\_Camino.jpg",

        "cuisine": "Mexican",

        "details": {

            "description": "Casual dining with a focus on fresh ingredients and traditional recipes.",

            "specialties": "Burritos, Enchiladas",

            "ambiance": "Laid-back, Colorful",

            "location": "101 Fiesta Road, Fiesta Town",

            "hours": "11 AM - 10 PM"

        }

    },

    {

        "name": "Le Gourmet",

        "image": "/static/images/Le\_Gourmet.jpeg",

        "cuisine": "French",

        "details": {

            "description": "Fine dining experience with a focus on classic French cuisine.",

            "specialties": "Coq au Vin, Ratatouille",

            "ambiance": "Luxurious, Intimate",

            "location": "101 Gourmet Blvd, Paris",

            "hours": "6 PM - 11 PM"

        }

    },

    {

        "name": "Bistro de Paris",

        "image": "/static/images/Bistro\_de\_Paris.jpg",

        "cuisine": "French",

        "details": {

            "description": "Charming bistro offering classic French dishes in a relaxed atmosphere.",

            "specialties": "Croissants, Bouillabaisse",

            "ambiance": "Chic, Cozy",

            "location": "102 Bistro Street, Paris",

            "hours": "7 AM - 10 PM"

        }

    },

    {

        "name": "Bombay Spice",

        "image": "/static/images/Bombay\_Spice.jpg",

        "cuisine": "Indian",

        "details": {

            "description": "Authentic Indian restaurant offering a variety of flavorful dishes.",

            "specialties": "Butter Chicken, Biryani",

            "ambiance": "Cultural, Warm",

            "location": "202 Spice Road, Mumbai",

            "hours": "12 PM - 10 PM"

        }

    },

    {

        "name": "Spice Route",

        "image": "/static/images/Spice\_Route.jpg",

        "cuisine": "Indian",

        "details": {

            "description": "Casual eatery specializing in North and South Indian cuisine.",

            "specialties": "Dosas, Paneer Tikka",

            "ambiance": "Traditional, Family-friendly",

            "location": "203 Spice Lane, Mumbai",

            "hours": "11 AM - 10 PM"

        }

    },

    {

        "name": "BBQ Brothers",

        "image": "/static/images/BBQ\_Brothers.jpg",

        "cuisine": "American",

        "details": {

            "description": "A barbecue joint serving smoked meats and tangy sauces.",

            "specialties": "Ribs, Pulled Pork",

            "ambiance": "Rustic, Casual",

            "location": "303 Grill Street, Barbecue City",

            "hours": "12 PM - 9 PM"

        }

    },

    {

        "name": "Burger Haven",

        "image": "/static/images/Burger\_Haven.jpg",

        "cuisine": "American",

        "details": {

            "description": "Classic American diner famous for its gourmet burgers and milkshakes.",

            "specialties": "Burgers, Fries",

            "ambiance": "Retro, Fun",

            "location": "304 Diner Avenue, Barbecue City",

            "hours": "10 AM - 11 PM"

        }

    },

    {

        "name": "Dragon's Den",

        "image": "/static/images/Dragons\_Den.jpg",

        "cuisine": "Chinese",

        "details": {

            "description": "Authentic Chinese restaurant known for its Dim Sum and flavorful stir-fries.",

            "specialties": "Dim Sum, Peking Duck",

            "ambiance": "Modern, Comfortable",

            "location": "404 Dragon Road, Chinatown",

            "hours": "11 AM - 11 PM"

        }

    },

    {

        "name": "Chow House",

        "image": "/static/images/Chow\_House.jpg",

        "cuisine": "Chinese",

        "details": {

            "description": "Contemporary eatery serving a variety of traditional Chinese dishes.",

            "specialties": "Chow Mein, Sweet and Sour Pork",

            "ambiance": "Casual, Cozy",

            "location": "405 Noodle Lane, Chinatown",

            "hours": "12 PM - 10 PM"

        }

    },

    {

        "name": "La Parrilla",

        "image": "/static/images/La\_Parrilla.jpg",

        "cuisine": "Argentinian",

        "details": {

            "description": "Steakhouse with a focus on Argentinian grilled meats and chimichurri.",

            "specialties": "Steak, Empanadas",

            "ambiance": "Rustic, Warm",

            "location": "505 Grill Avenue, Buenos Aires",

            "hours": "5 PM - 11 PM"

        }

    },

    {

        "name": "El Asador",

        "image": "/static/images/El\_Asador.jpg",

        "cuisine": "Argentinian",

        "details": {

            "description": "Traditional parrilla offering a range of grilled meats and regional dishes.",

            "specialties": "Asado, Choripan",

            "ambiance": "Lively, Family-friendly",

            "location": "506 Grill Street, Buenos Aires",

            "hours": "12 PM - 10 PM"

        }

    },

    {

        "name": "Greek Island Taverna",

        "image": "/static/images/Greek\_Island\_Taverna.jpg",

        "cuisine": "Greek",

        "details": {

            "description": "Traditional Greek restaurant offering Mediterranean dishes and fresh seafood.",

            "specialties": "Moussaka, Grilled Fish",

            "ambiance": "Coastal, Relaxed",

            "location": "606 Aegean Way, Athens",

            "hours": "12 PM - 10 PM"

        }

    },

    {

        "name": "Santorini Grill",

        "image": "/static/images/Santorini\_Grill.jpg",

        "cuisine": "Greek",

        "details": {

            "description": "Authentic Greek taverna serving delicious gyros and souvlaki.",

            "specialties": "Gyros, Souvlaki",

            "ambiance": "Charming, Inviting",

            "location": "607 Aegean Road, Athens",

            "hours": "11 AM - 11 PM"

        }

    },

    {

        "name": "Cafe Marrakech",

        "image": "/static/images/Cafe\_Marrakech.jpg",

        "cuisine": "Moroccan",

        "details": {

            "description": "A cozy cafe offering Moroccan tagines, couscous, and mint tea.",

            "specialties": "Tagine, Couscous",

            "ambiance": "Colorful, Intimate",

            "location": "707 Spice Market, Marrakech",

            "hours": "1 PM - 10 PM"

        }

    },

    {

        "name": "Marrakech Express",

        "image": "/static/images/Marrakech\_Express.jpg",

        "cuisine": "Moroccan",

        "details": {

            "description": "A vibrant restaurant serving traditional Moroccan dishes with a modern twist.",

            "specialties": "Harira, Pastilla",

            "ambiance": "Cultural, Lively",

            "location": "708 Market Street, Marrakech",

            "hours": "12 PM - 11 PM"

        }

    }

]

STYLING (styles.css)

body {

    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;

    margin: 0;

    padding: 0;

    background: linear-gradient(135deg, #e0f7e9, #cfe7d9); /\* Light green gradient \*/

    height: 100vh;

    overflow: hidden;

    display: flex;

    justify-content: center;

    align-items: center;

    position: relative;

}

.background {

    position: absolute;

    top: 0;

    left: 0;

    width: 100%;

    height: 100%;

    overflow: hidden;

    z-index: 0;

}

.wave {

    position: absolute;

    bottom: 0;

    left: 50%;

    width: 200%;

    height: 200px;

    background: linear-gradient(to bottom, rgba(255, 255, 255, 0.6) 0%, rgba(255, 255, 255, 0.3) 50%, rgba(255, 255, 255, 0.6) 100%);

    border-radius: 50%;

    animation: wave-animation 2s infinite linear;

    transform: translateX(-50%);

}

.wave:nth-child(1) {

    height: 200px;

    animation-duration: 3s;

}

.wave:nth-child(2) {

    height: 250px;

    animation-duration: 2.5s;

    opacity: 0.7;

}

.wave:nth-child(3) {

    height: 300px;

    animation-duration: 2s;

    opacity: 0.5;

}

.wave:nth-child(4) {

    height: 350px;

    animation-duration: 1.8s;

    opacity: 0.3;

}

@keyframes wave-animation {

    0% {

        transform: translateX(-50%) translateY(0);

    }

    50% {

        transform: translateX(-50%) translateY(-30px);

    }

    100% {

        transform: translateX(-50%) translateY(0);

    }

}

.container {

    z-index: 2;

    background-color: rgba(255, 255, 255, 0.9);

    padding: 20px;

    border-radius: 20px;

    box-shadow: 0 10px 30px rgba(0, 0, 0, 0.1);

    width: 70%;

    max-width: 800px;

    text-align: center;

    height: calc(100vh - 140px);

    overflow-y: auto;

    margin-top: 70px;

}

nav {

    width: 100%;

    background-color: #fafbfa;

    box-shadow: 0 10px 30px rgba(0, 0, 0, 0.1);

    position: fixed;

    top: 0;

    left: 0;

    z-index: 1000;

    border-radius:05px;

}

nav ul {

    list-style: none;

    display: flex;

    justify-content: center;

    gap: 30px;

    padding: 20px;

    margin: 0;

}

nav ul li a {

    text-decoration: none;

    color: #333;

    font-weight: 600;

    padding: 10px 20px;

    transition: background-color 0.3s ease, color 0.3s ease;

}

nav ul li a:hover {

    background-color: #28a745;

    color: white;

    border-radius: 10px;

}

h1 {

    margin-top: 5px;

    font-size: 28px;

    font-weight: bold;

    color: #28a745;

}

.search-container {

    display: flex;

    justify-content: center;

    align-items: center;

    margin-top: 20px;

}

#searchBar {

    padding: 10px;

    width: 300px;

    border: 1px solid #ccc;

    border-radius: 5px;

}

#searchButton {

    padding: 10px 15px;

    border: none;

    background-color: #28a745;

    color: white;

    border-radius: 5px;

    cursor: pointer;

    margin-left: 10px;

    transition: background-color 0.3s ease;

}

#searchButton:hover {

    background-color: #218838;

}

.restaurant-grid {

    display: grid;

    grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));

    gap: 20px;

    margin-top: 30px;

}

.filter-section {

    display: block; /\* Ensure this is visible by default \*/

}

.restaurant-grid {

    display: grid; /\* Ensure grid display is used \*/

}

.restaurant-card {

    background-color: white;

    padding: 15px;

    border-radius: 12px;

    box-shadow: 0 4px 10px rgba(0, 0, 0, 0.1);

    transition: transform 0.3s ease, box-shadow 0.3s ease;

    text-align: center;

}

.restaurant-card:hover {

    transform: translateY(-5px);

    box-shadow: 0 8px 20px rgba(0, 0, 0, 0.2);

}

.restaurant-card img {

    width: 100%;

    border-radius: 10px;

    height: 150px;

    object-fit: cover;

}

.restaurant-card h3 {

    margin: 15px 0 5px 0;

    font-size: 18px;

    color: #28a745;

}

.restaurant-card p {

    color: #555;

    font-size: 14px;

}

.details-section {

    background-color: rgba(255, 255, 255, 0.9);

    padding: 20px;

    border-radius: 20px;

    box-shadow: 0 10px 30px rgba(0, 0, 0, 0.1);

    text-align: center;

    margin-top: 20px;

    display: none;

}

.details-section h2 {

    color: #28a745;

    font-size: 24px;

    margin-bottom: 10px;

}

.details-section p {

    color: #555;

    font-size: 16px;

}

#closeDetailsButton {

    padding: 10px 15px;

    border: none;

    background-color: #28a745;

    color: white;

    border-radius: 5px;

    cursor: pointer;

    margin-top: 15px;

    transition: background-color 0.3s ease;

}

#closeDetailsButton:hover {

    background-color: #218838;

}

@media (max-width: 768px) {

    .container {

        padding: 20px;

        height: calc(100vh - 100px);

    }

    #searchBar {

        width: 100%;

    }

}

.details-section {

    background-color: rgba(255, 255, 255, 0.9);

    padding: 20px;

    border-radius: 20px;

    box-shadow: 0 10px 30px rgba(0, 0, 0, 0.1);

    text-align: center;

    margin-top: 20px;

    display: none; /\* Hidden by default \*/

}

.details-section h2 {

    color: #28a745;

    font-size: 24px;

    margin-bottom: 10px;

}

.details-section img {

    width: 100%;

    max-width: 300px;

    border-radius: 10px;

}

.details-section p {

    color: #555;

    font-size: 16px;

}

#closeDetailsButton {

    padding: 10px 15px;

    border: none;

    background-color: #28a745;

    color: white;

    border-radius: 5px;

    cursor: pointer;

    margin-top: 15px;

    transition: background-color 0.3s ease;

}

#closeDetailsButton:hover {

    background-color: #218838;

}

/\* Sign In Section Styling \*/

.sign-in-section {

    background-color: rgba(255, 255, 255, 0.9);

    padding: 30px;

    border-radius: 20px;

    box-shadow: 0 10px 30px rgba(0, 0, 0, 0.1);

    text-align: center;

    margin-top: 20px;

    width: 400px;

    margin: 0 auto; /\* Center the form \*/

}

.sign-in-section h2 {

    color: #28a745;

    font-size: 24px;

    margin-bottom: 20px;

}

.sign-in-section form {

    display: flex;

    flex-direction: column;

    align-items: center;

}

.sign-in-section label {

    font-size: 16px;

    color: #333;

    margin-bottom: 5px;

    display: block;

}

.sign-in-section input {

    width: 100%;

    padding: 10px;

    margin-bottom: 15px;

    border: 1px solid #ccc;

    border-radius: 5px;

    font-size: 16px;

}

.sign-in-section button {

    padding: 10px 20px;

    background-color: #28a745;

    color: white;

    border: none;

    border-radius: 5px;

    cursor: pointer;

    font-size: 16px;

    width: 100%;

    transition: background-color 0.3s ease;

}

.sign-in-section button:hover {

    background-color: #218838;

}

THANK YOU