### **Restaurant Menu - Functional Requirements**

## **Overview**

The Restaurant Menu Platform is a web application built using Vue 3 that enables users to explore restaurant menus and add food items to their cart. The platform incorporates role-based access, where restaurant owners can create and manage menus, food items, and categories, while customers can browse and select items.

## **Features**

### **1. Restaurant Owner Features**

#### **User Authentication**

* Restaurant owners can register and log in to access the platform.
* Secure authentication system ensures only authorized users can manage menus and food items.

#### **Create and Manage Categories**

* Define food item categories (e.g., Appetizers, Main Course, Desserts, Beverages).
* Organize food items under respective categories for better navigation.

#### **Create and Manage Food Items**

* Add individual food items with details such as name, description, price, and category.
* Edit or remove items as per requirement.

#### **Create and Manage Combos**

* Group multiple food items into combo meals for special deals.
* Set pricing and descriptions for combos.

#### **Activate or Inactivate Items and Combos**

* Enable or disable specific food items and combos as per availability.
* Maintain control over menu items without permanent deletion.

#### **Set Today's Special Combo**

* Highlight a special combo for the day to attract more customers.
* Display this combo prominently on the menu.

#### **View and Manage Menus**

* Create, update, and delete restaurant menus.
* Use predefined categories and items for quick menu creation.

#### **Dashboard Overview**

* Provides an intuitive dashboard displaying existing menus.
* Shows an empty state when no menus exist.

### **2. Customer Features**

#### **View Restaurants**

* Browse a list of available restaurants on the platform.
* Access individual restaurant pages to explore their offerings.

#### **View Specific Restaurant Menus**

* Check out a restaurant’s menu, including available food items and combos.
* Navigate through categories for a seamless experience.

#### **Select Combo and Food Items**

* Choose from a variety of food items and combo meals.
* View detailed descriptions and pricing before selection.

#### **Add to Cart**

* Customers can select food items and add them to the cart.
* Ordering functionality is not included yet.

#### **View Order Summary in Cart**

* Get a detailed summary of selected items.
* See the total price of the selected food items before checkout.

## **Future Enhancements (Planned Features)**

* Ordering & Payment Integration: Enable customers to place orders and make payments online.
* Restaurant Reviews & Ratings: Allow customers to leave reviews and rate restaurants.
* User Profiles: Store order history and preferences for a personalized experience.
* Real-time Order Tracking: Provide status updates on food orders.
* Push Notifications: Notify users about promotions, offers, and order status updates.

## **Links & Environment Variables**

### **Live Demo**

[Restaurant Menu](https://jaimipatel-al.github.io/Restaurant-Menu/)

### **GitHub Repository**

[GitHub](https://github.com/jaimipatel-Al/Restaurant-Menu)

**Swagger URL**

[Swagger](https://restaurant-menu-gcvp.onrender.com/api-docs)

### **.env Configuration**

VITE\_API\_BASE\_URL = /Restaurant-Menu

VITE\_API\_BACKEND\_URL = https://restaurant-menu-gcvp.onrender.com/

# Local

VITE\_API\_ENV\_MODE = development

## **Conclusion**

The Restaurant Menu Platform is designed to provide an easy-to-use interface for both restaurant owners and customers. With its role-based access control, the platform ensures efficient menu management for restaurant owners while offering a seamless food selection experience for customers. Future updates will introduce additional features like online ordering, payments, and reviews to enhance user engagement.