

# **Customize Menu Designing Software for Caterers**

## **1. Introduction**

### **1.1 Purpose**

The purpose of this technical document is to outline the development requirements for a Customize Menu Designing Software tailored to caterers' needs. This software aims to simplify menu creation, template design, inventory management, and printing options while providing a user-friendly interface in both Gujarati and English languages.

### **1.2 Scope**

The software will encompass various features such as menu creation, template customization, admin controls, dynamic date selection, client management, item rate management, function-wise photo integration, printing and downloading options, and an inventory module for product and yearly inventory management.

## **2. System Overview**

### **2. System Architecture**

The system will be built using a web-based architecture, with a front-end user interface and a back-end server. The server will manage data storage, processing, and business logic, while the front-end will provide an intuitive user interface.

## **3. Features**

### **3.1 Menu Making**

Users can create menus in Gujarati and English languages. Menu items will include details such as item names, descriptions, Total person and prices.

### **3.2 Template Design**

Different templates can be selected for menu creation. The chosen template will be merged with menu items to generate a PDF menu.

### **3.3 Admin Controls**

Admin users can select layouts for the final PDF output based on predefined categories and make system-wide configurations.

### **3.4 Dynamic Date Selection**

Users can select multiple dates for functions and manage date-specific details. A date master will be used to organize function dates.

### **3.5 Function Master**

Function-wise menu details can be added. This includes specifying the total number of guests for morning, evening, breakfast, and high tea.

### **3.6 Client Master**

Client information can be stored and managed, including contact details and event history.

### **3.7 Item Rate Master**

Admin users can maintain item-wise rate information, ensuring that menu prices are up-to-date and editable.

### **3.8 Function Wise Photo Master**

Function-specific photos can be uploaded and integrated into the PDF menu.

### **3.9 Printing and Downloading Options**

Two printing options are available: customer-friendly PDFs with selected templates and basic details, and in-house PDFs for kitchen use. can also download PDF menus.

### **3.10 Inventory Module**

The software includes an inventory module for adding products and managing yearly inventory. A tab is provided for adding inventory data for each year(Only item wise stock just add on every year )

## **4. User Roles**

### **4. Admin**

- Admins have access to all features, including system configuration.
- They can manage templates, control layouts, and maintain item rates.
- Admins can access client and function information.

## **5. Data Flow**

### **5.1 Menu Creation Flow**

- Admin select a template and create menus in Gujarati or English.
- Admins configure layout options.
- Function details, including dates and guest counts, are added.
- Item rates are updated.
- Function-specific photos are integrated in the last
- PDF menus are generated based on templates and user inputs.

### **5.2 Inventory Management Flow**

- Admins add products to the inventory module.
- Yearly inventory data is maintained.