## horizontal line

Project proposal for Restaurant management system

16.04.2023

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# Overview

As per the client’s requirement, we need to develop an online restaurant management system. The purpose of this system is to provide the facility to the administrator to list out their restaurant along with the details description, image gallery, Menu, and opening and closing time. On the other hand, customers can register(OPTIOJNAL) into the mobile system and can search for any restaurant by using a location, keywords as well as the name of the restaurant. Customers can view the details about any restaurant as well as can check the menu details. As an Administrator, users will have the entire access to the system through the web admin panel, like the CMS content, managing the restaurants, managing customers, etc. The system language will be English.

# User Types

Here, 2 types of active users are being considered-

* Customer. (Front-end system user)
* Administrator. (Back-end web user)

The detailed feature regarding the customer, and Administrator we have listed under the **Features Break up** section.

# Features Break-Up

1. **Customer front-end-user features list**
2. **Home page view.**
3. **CMS pages-**

* About us page.
* Contact us page.
* Terms and Conditions.
* Privacy Policy

1. **Registration/sign-up( optional)-** Customers need to register into the system in order to find any restaurant or menus.
2. **Login/sign-in(optional)-** After successfully registering as a new customer, they need to log in to the system in order to view their dashboard, from which they can manage their personal details.
3. **Dashboard(optional)-** After successful login into the system, the customer will redirect to their dashboard, through which they can manage their all basic details,
4. **My Account-** From this section, customers can manage all basic personal details.

**6) Browse Restaurant-** Users can browse the restaurant by using Keyword Typing – Cusine category and ( breakfast lunch dinner) Suggestion. As well can search by Restaurant category, food type etc.

**7) Restaurant listing page-** Users can view the listing of all restaurants in a grid view by entering the location or restaurant category. Users can have a few filters in order to sort the listing as well.

**Users can like a dish and also click on star.**

**8) Restaurant details/Menu page-** The restaurant detail page allows a customer to view the basic information about the restaurant selected by the user/ customer. Such as Image gallery, Facility, Menus, Opening and closing time, and Location/direction. But the main thing is people can just scroll through the images( dishes menu). We are aiming in SMALL VIDEO of 5 seconds. It can be image or a video.

**B. Administrator user features list**

1. **Login-** The admin needs to log in to the system in order to manage the entire website.
2. **Dashboard** – Manage all Types of Users, Registration Count, and Live restaurant Listing Count.
3. **My Account**

* View Account Information – Update Notification Email
* Change Password

1. **Admin Settings** - Contact Settings, Admin notification email settings, Social Media Links,
2. **Customer User Management** - View/Add/Update Delete/Active-Inactive. Inactive to restrict from login.
3. **Restaurant Management** – View/Add/Edit/Delete - Manage on Behalf of the restaurant Owner (No System oval Stage will be there).

* **Upload new Restaurant-** From this section; the admin can add any new restaurant along with the details such as:
* Uploaded Image gallery.
* Description.
* Upload Menu items along with the Item price and image.
* Admin will have the option to upload the customizable menu as well with a variable price.
* Add location.
* Opening and closing time.
* Amenities. Etc.

1. **CMS Page Manage** - About Us, Terms and Condition, Privacy Policy with SEO Settings – Meta Tag, Meta Title, Meta Keyword, Meta Description
2. **Report** – All Types of User, Registration Count, and Live restaurant Listing Count.
3. **Contact Us Messages** – Receive Customer or visitor Submitted Contact messages to Admin Notification Email.

**Technology Stack:**

**Website: wordpress**

Follow some basic standards while developing any system.  
 **Security Protocols**

a) Credentials and Secrets

b) Authentication

c) Database

d) APIs

e) Network Traffic

f) Cloud Configuration

g) Infrastructure Security

h) Service Protection

**Quality Assurance**

a) Functional Testing

b) Performance Testing

c) Security Testing

d) Compatibility Testing

e) Database Testing

**Basic deliverables**

a) Scope of Work (SOW) documentation

b) UI designs (PSD/ Figma)

c) Source code of the project

d) User Manual (documentation/ explainer video). As well as any live training session, that may be required.

THE IDEA HOW I WANT THIS IS LIKE THIS

* Consumer come to a restaurant,
* They scan a QR code( every client that register with us will have their unique QR CODE.

This QR will redirect the consumer directly to our platform on this restaurant business page where a consumer can see all the products they offer, with price and information.

QR- code-

Every register business will have their unique business page, we copy the link and we convert the link in a QR. Code.

* Consumer can now see all product that business has to offer with price , product info, review(only star)
* Ones the consumer is in the web they can search for more things and other restaurants.