Main Project Abstract

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# Abstract

The system is implemented to reduce the manual work and enhances the accuracy of work in a restaurant. This system manages and maintains the record of customers and their order online. This App has been made in a user friendly interface. So that Customer can add and delete the food items easily. Through the place ordering menu, the customer can simply click and order the food. The billing system prepares the bill according to the delivered food. The current system is paper based. Papers are used in restaurants for displaying the traditional menu cards, writing down the orders of customers, storing the records of customers. The disadvantages of paper based system are that papers can get easily damaged by stain marks; they can be lost due to fire or accidents or can get lost in general. Hence, time and money is wasted.

Online Restaurant management system is the system for manage the restaurant business. After successful login the customer can access the menu page with the Items listed according to the desired tune. The main point of developing this system is to help restaurant administrator manage the restaurant business and help customer for online ordering and reserve table. In proposed system user can search for a menu according to his choice i.e. according to price range and category of food and later he can order a meal.

**Objective of Project on Online Restaurant Management System:**

The main objective of the Project on Online Restaurant Management System is to manage the details of Food Item, Category, Customer, Order, Confirm Order.

It manages all the information about Food Item, Payment, Confirm Order, Food Item. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Food Item, Category, Payment, Customer. It tracks all the details about the Customer, Order, Confirm Order.

**Main modules are:**

* **Login Module**

In login module the customer and restaurants login will be taken while they already registered on the application. Every manager/user will have login id and password to login to the application.

* **Registration Module**

This module is displayed to the visitors if they need to perform some order placements, and new registration for restaurants.

* **Menu Module**

This module is for admin. Admin have rights to insert, update (modify) and delete the data in database as per his/her necessary requirements.

* **Order Module**

The activity is performed by customer itself whose registration is already done. Once the verification is done by application, the order gets confirmed and delivery will be given to the dedicated customers address.

* **Reservation Module**

The Restaurant Booking System is a convenient self-service table booking system that can be embedded on any website. With our restaurant reservation system, you can streamline your booking process by enabling customers to book tables through your site 24/7. At the same time, admins can manage the reservations and restaurant availability.

## Users

* **Customers:** The one who order the product and make payments for the products that he/she purchased. They are the ones who will get the full advantage of this site.
* **Administrator:** The administrator can manage all the activities of customers like confirm order, cancel order etc. The administrator can add, edit, remove and update the product and also can view all the details of the customers.

### Micro project

**Main modules and its functionalities are:**

* **Login Module**

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*Change / Forgot password*gives an easy way to retrievepassword if user forgot it.

* **Registration Module**

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### Mini Project

**Main modules and its functionalities are:**

* **Login Module**

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* **Order Module**

The activity is performed by customer itself whose registration is already done. Once the verification is done by application, the order gets confirmed and delivery will be given to the dedicated customers address.

* **Browse Items**

User can search the desired food items according to their demands.

* **Reservation Module**

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* **Carting Module**

This is additional feature given to add the food items in customer’s virtual basket just like pending orders or the orders which customer wants to do later. But, if the customer is first time visiting then he/she will unable to place order until he/she do registration to our application.

### Main Project

**Main modules and its functionalities are:**

* **Messaging Module**

It is for conversation between customer and customer executives will be given inside the application where they can ask about any kind of queries to the executives 24/7.

* **Order Manage Module**

In case, the customer come to know that the food or service of restaurant is not good and estimated delivery time is too much as expected then he/she can manage his/her orders under order manage module.

* **Order Tracking Module** Tracking module track the order.