**Online Food Ordering Automation Project**

**Abstract**

There is a lot of scope online food ordering business and we can tap it to the max extent possible as everyone has access to an online ordering facility via the internet. Food business usually will have high demand and hence online business prospect for food ordering should be profitable.  We will provide an easily accessible interface wherein the customer can view and place the order easily.

The customer can register initially with minimum details and will be allowed to check the menu items before ordering them, adding them to cart and submit the order. The system records the details in MySQL database so that it will be easy to retrieve later. The users of the system also include employee/admin who will handle info related to product addition and assigning vehicle for placed orders.

**Problem Statement:**

The food business in restaurants is being carried out in the same fashion for so many decades. In the restaurants, when the customers visit, they will read the large menu cards which just has the name of the item and price. They have to decide in moments time and place the order just to wait in the queue for getting the ordered items on their table. Sometimes, the waiting time is so huge that the customers will actually lose interest in the item. Moreover, some customers will be in their office or busy to come physically to the restaurant and eat.

To ease the process of ordering the items, giving a description of each item and getting the item on the table the online food ordering system is designed. Some of the common problems are listed below.

The general problems faced while ordering food physically in a restaurant are listed below.

1. Viewing the complete description of the menu item before ordering.
2. Placing the order standing in a queue.
3. Waiting for the customer’s turn to get the food.

These hurdles will be avoided by placing the order online

**MODULES**:

1. Customer
2. Employee
3. Orders
4. Products
5. Vehicle
6. Cart

**1.Customer Module:**

The customer module consists of below details

1. Customer id : assigned for each unique customer.
2. name :represents name of the customer
3. Email :represents email of the customer
4. Pwd : used for saving password of the customer
5. Phone Number: is used for saving phone number of customer
6. Address :used for saving the address of the customer

**2**.**Employee Module:**

1. Employee id: assigned for each unique employee.
2. name :represents the name of the employee.
3. Phno : is for saving phone number of employee
4. Email :saves the email info of an employee
5. Password :will save password of employee

**3.Orders Module:**

1. Oder id: assigned for each order.
2. Product id .
3. Customer id
4. Quantity : represents the quantity of the ordered product.
5. Odate : represents the products ordered by the customer
6. Quantity : provides the quantity ordered by the customer
7. Delivery status :saves the delivery status whether delivered or pending
8. Vehicle :helps in assigning vehicles

**4.Products Module:**

1. Product id :assigned for each product.
2. name :represents the name of the product.
3. description :represents the description of the product.
4. Price :saves the price of the product ordered
5. File :saves the image of product ordered

**5.Vehicle Module:**

1. assigned for each vehicle.
2. Status
3. Vehicle number :saves the registration number of the vehicle assigned for delivery

**6.Cart Module:**

1. Id : assigned for each cart
2. Cid foreign key references customer id from the customer table
3. Pid foreign key references products table
4. Qty saves all quantities related to products added in cart
5. The status will save delivery status