# INTRODUCTION

An online food ordering system is a web-based application that stimulates the foodies (customers) to put food orders through internet by. This application is based on the Open Source platform.

## Objective

The main objective of this project is to develop an application which gives provision to the restaurant owners to flourish their business by uploading menus at no cost and will invariably lead to higher customer retention and acquisition rates.

* User Friendly: Online Food Ordering System is a very user-friendly project because the Food Ordering Record and searching from categories is very simple, fast and data is secured. The user interface of the project is very simple.
* Order reports of the system can be easily generated. User can generate the report of any particular date and period. In this way they can get delivery status of customers and get information about what is being ordered.
* Very less paper work: Online Food Ordering System requires less paper work. In this project all record is fetched directly into the computer and reports can be generated through just a click. In this way it saves time. As data is directly entered into computer so there is no need to do any paper work.
* Computer operator control: Online Food Ordering System is operated by the staff members and one admin so there is no chance of clerical mistakes. Data feeding and retrieving in this system is very easy. So, the work can be done on time.
  1. **Modules**

• Administrator module

• Customer Module

**1.2.1 Administrator module**

Admin can view all the information about the user edit the all details about the customer.

• Create food category

• Manage food categories

• Add food item

• Manage Food item

• Manage user order

**1.2.2 Admin Module**

* Dashboard: In this section admin can see all detail in brief like total order, not confirmed order, confirmed order, total food being prepared, Total food pickup, Total food deliver, Total Cancelled orders, Total Food Item in Menu and Total user.
* Reg Users: In this section admin can manage register user (view).
* Food Category: In this section admin can manage food category (Add, Update and Delete).
* Food Menu: In this section admin can manage food menu (Add, Update and Delete).
* Orders: In this section admin can view the food order details and they have also right change order status according to current status.
* Search Order: In this section admin can search particular order with the help of order number
* Reports: In this section admin can view order details, order counts and sales report according to dates. Admin can also update his profile, change password and recover password.

**1.2.3 Customer Module**

This Functionalities provided:

• View product’s list

• Register

• Place orders

**1.2.4 Customer Module**

* Food Menu: In this section user can view which food available in restaurants
* My Accounts: In this section user can his/her password, view and update his profile and logout from accounts
* My orders: In this section user can view order history after login.
* Cart: In this section user can add their food which he/her want to order.
* User has also a facility to download his/her invoice and cancel order if he/her wants to cancel

1. **Database Design**

* **Role**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Allow Null | Constraints |
| role\_id | Int | NO | PRIMARY KEY |
| role\_name | varchar(255) | NO |  |

* **User**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Allow Null | Constraints |
| userId | Int | NO | PRIMARY KEY |
| Name | varchar(255) | NO |  |
| Username | varchar(255) | NO |  |
| Mobile | Int | NO |  |
| Email | varchar(255) | NO |  |
| Password | varchar(255) | NO |  |
| ImageUrl | varchar(255) | NO |  |
| RoleId | Int | NO | Foreign Key |
| CreatedDate | Date | NO |  |

* **Category**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Allow Null | Constraints |
| CategoryId | Int | NO | PRIMARY KEY |
| Name | varchar(255) | NO |  |
| ImageUrl | varchar(255) | NO |  |
| IsActive | Bit | NO |  |
| CreatedDate | Date | NO |  |

* **Menu**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Allow Null | Constraints |
| MenuId | Int | NO | PRIMARY KEY |
| Name | varchar(255) | NO |  |
| Description | varchar(255) | NO |  |
| Price | Int | NO |  |
| Quantity | Int | NO |  |
| ImageUrl | varchar(255) | NO |  |
| CategoryId | Int | NO | Foreign key |
| IsActive | Bit | NO |  |
| CreatedDate | Date | NO |  |

* **Carts**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Allow Null | Constraints |
| CartId | Int | NO | PRIMARY KEY |
| MenuId | Int | NO | Foreign Key |
| Quantity | Int | NO |  |
| UserId | Int | NO | Foreign Key |
| TotalPrice | bigDecimal | NO |  |

* **Payment**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Allow Null | Constraints |
| PaymentId | Int | NO | PRIMARY KEY |
| Name | varchar(255) | NO |  |
| CartId | Int | NO | Foreign Key |
| ExpiryDate | Date | NO |  |
| CvvNo | Int | NO |  |
| AddressId | Int | NO | Foreign Key |
| PaymentMode | Varchar(255) | NO |  |

* **Orders**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Allow Null | Constraints |
| OrderId | Int | NO | PRIMARY KEY |
| OrderNo | Int | NO |  |
| ProductId | Int | NO | Foreign Key |
| Quantity | Int | NO |  |
| UserId | Int | NO | Foreign Key |
| Status | varchar(255) | NO |  |
| PaymentId | Int | NO | Foreign key |
| OrderDate | Date | NO |  |

* **Contact**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Allow Null | Constraints |
| ContactId | Int | NO | PRIMARY KEY |
| Name | varchar(255) | NO |  |
| Email | varchar(255) | NO |  |
| Subject | varchar(255) | NO |  |
| Message | varchar(255) | NO |  |
| CreatedDate | Date | NO |  |

* **Address**

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Allow Null | Constraints |
| AddressId | Int | NO | PRIMARY KEY |
| userId | Int | NO | Foreign Key |
| Street | varchar(255) | NO |  |
| City | varchar(255) | NO |  |
| State | varchar(255) | NO |  |
| ZipCode | Int | NO |  |