*Online catering system*

Submitted to Submitted by

Ms. Ginumol Joseph Teenamol Joseph

MCA DEPT S3 MCA LE

No:51

Abstract

Table design

Dataflow diagram

ABSTRACT

Online Catering Management System is a software designed for customers to order food online. The main aim of project is to provide service smart security to the customers. It provides an end to end solution to sell and manage the food items. By following this new approach, the information can be accessed from anywhere just with a mouse click. This helps the users by saving lot of time and providing the user with up to date information.

This software mainly consists of 3 modules

1: admin

2: catering owners

3: user/customers

***Admin***

The admin can login and manages the order placed by the user. He can have the right to approve or reject all the registered catering owners. View all the its services and feedback about it. He has to manage all the booking and customer details.

***Catering owners***

The owners can login and process the order placed by the user. He can add the food package as well us update the food details and also manages the location and payments. He can approve or reject the customers, view all the booking and adding the events when they are conducted and they can upload images of different types of food items.

***Users/customers***

The main module in this software is the user/customers. The user can register in the particular site by giving his personal details and he will be giving a password to login. He can view all the catering services and food package along with its cost and images. He is having the privilege to select different catering services and to place the order can cancel it on or before the limit kept by the catering owners. The user can adopt different services for a particular event according to the user’s need. He can also get the information about the locations of delivery and can make sure that he is under the delivery location of this catering service. Users can also get the information about this catering service including their contacts. They can provide feedback and staring about a particular food item.

**Table design**

Table no:1

Table name: tble\_log

Primary key:login\_id

Foreign key: id reference tble\_reg

|  |  |  |
| --- | --- | --- |
| Field name | Datatype | Description |
| Login\_id | int | User id |
| Email id | Varchar(50) | User name |
| password | Varchar(50) | password |
| status | Int | status |

Table no:2

Table name:tble\_reg

Primary key: id reference tble\_log, di\_id reference tble\_distrit, loc\_id reference tble\_location

|  |  |  |
| --- | --- | --- |
| Field name | datatype | Description |
| Reg\_id | Int | User id |
| Name | Varchar(50) | User name |
| Address | Varchar(50) | Address of the user |
| Phone no | Int | Phone no |
| Login\_id | Int | Id |
| Password | Varchar(50) | password |

Table no:3

Table name:tble\_district

Primary key:di\_id

Foreign key:loc\_id reference tble\_location

|  |  |  |
| --- | --- | --- |
| Field name | Datatype | Description |
| Di\_id | Int | District id |
| Di\_name | Varchar(50) | District name |
| Status | Int | status |

Table no:4

Table name:tble\_location

Primary key:loc\_id

Foreign key: loc\_id references tble\_location

|  |  |  |
| --- | --- | --- |
| Field name | Datatype | Description |
| Loc\_id | Int | Location id |
| Loc\_name | Varchar(50) | Location name |
| Status | Int | status |

Table no: 5

Table name :tble\_foodtype

Primary key :type\_id

|  |  |  |
| --- | --- | --- |
| Field name | Datatype | Description |
| Type\_id | Int | Id |
| Type\_name | Varchar(50) | Type name |

Table no:6

Table name: tble\_category

Primary key : category\_id

Foreign key :type\_id reference tble food\_type

|  |  |  |
| --- | --- | --- |
| Field name | Datatype | Description |
| Category\_id | Int | Id |
| Food type\_id | Int | Id |
| Status | Int | Status of the category |

Table no: 7

Table name:tble\_food

Primary key :food\_id

Foreign key:type\_id reference tble\_food type,category\_id reference tble\_category

|  |  |  |
| --- | --- | --- |
| Field name | Datatype | Description |
| Food\_id | Int | Id of food |
| type\_id | Int | Id of type |
| Category\_id | Int | Id of category |
| Food\_name | Varchar(50) | Food name |
| Price | Int | Price |
| Status | Int | Status of food |

Table no: 8

Table name: tble\_package

Primary key: pack\_id

Foreign key:food\_id reference tble\_food

|  |  |  |
| --- | --- | --- |
| Field name | Datatype | Description |
| Pack\_id | Int | Package id |
| Pack\_name | Varchar(50) | Package name |
| Amt/head | Int | Amount per head |
| Food\_id | Int | Food |
| Status | Int | Status of food |

Table no:9

Table name:tble\_booking

Primary key:book\_id

Foreign key: id reference tble\_reg

|  |  |  |
| --- | --- | --- |
| Field name | Datatype | Description |
| Book\_id | Int | Booking id |
| Reg\_id | Int | Registration id |
| Function\_name | Varchar(50) | Function name |
| Location name | Varchar(50) | Location name |
| Date | Date and time | Date |
| Time | Date and time | date |

Table no:10

Table name:tble\_payement

Primary key: pay\_id

|  |  |  |
| --- | --- | --- |
| Field name | Datatype | Description |
| Pay\_id | Int | Payement id |
| Pay\_type | Varchar(50) | Payment type |
| Status | Int | Status of payment |

Table no:11

Table name:tble\_bank acc

Primary key: bankid

|  |  |  |
| --- | --- | --- |
| Fieldname | Datatype | Description |
| Bank\_id | Int | Id of bank |
| Id | Int | Id of user |
| Acc no | Int | Account number of user |
| ATM card number | Int | Atm number |
| Cvv no | Int | Cvv number |

Table no:12

Table name:tble\_notification

Primary key:not\_id

|  |  |  |
| --- | --- | --- |
| Field name | Datatype | Description |
| Not\_id | Int | Notification id |
| Notification | Varchar(50) | Notification description |

Table no:13

Table name:tble\_owner

Primary key:own\_id

|  |  |  |
| --- | --- | --- |
| Field name | Datatype | Description |
| Own \_id | Int | Owner id |
| Name | Varchar(50) | Owner name |
| Location | Varchar(50) | Location name |
| Function | Varchar(50) | Functions |
| Status | Int | Status of owner |

**Dataflow diagrams**

Level 0 DFD

**Level 0 DFD**

Online Catering System



Catering

Owners



Catering

Owners



Admin



Admin



Users



Users

request

requset

responses

resposnes

requset

responses

Level I admin

**level 1 (Admin)**



**Admin**

**login**

**2**

**valid**

**invalid**

**Search**

**owners**

**2.1**

**view**

**booking**

**2.2**

**add**

**catering**

**services**

**2.3**

**feedbac**

**k**

**search available owners**

**view bookingdetails**

**add owners**

**respond to feedback**



**Admin**

**tble\_owners**

**tble\_booking**

**tble\_owners**

**tble\_feedback**

**request**

**request**

**responses**

**responses**

**owners information**

**booking details**

**request**

**responses**

**owners details**

**request**

**responses**

**owners details**

Level 1 owners

level 1 owners



owners

login

2

registration

1

booking

2.1

food

food type

category

2.2

payment

2.4

new user

valid

booking

add details

payment



owners

resquest

tble\_booking

responses

booking details

request

tble\_food

food details

responses

request

tble\_payment

payment detais

Level 1 user

level 1 user



users



users

registration

1

login

2

new user

valid

invalid

tble\_login

tble\_reg

login details

registration details

book food

item

2.2

payment

2.3

rating

2.4

search

avialble

owners

2.1

search owner

booking

payment details

make rating

feedback

2.5

feedback

view owners

owners list

tble\_owner

tble\_booking

tble\_rating

tble\_feedback

tble\_payment

request

resposes

view booking

request

resposes

valid

payment details

feedback

valid