

***“ONLINE FOOD ORDERING SYSTEM”*****PRIYANSHU KHUAS, LORA ROUT****ABSTRACT**

The purpose of the Online Food Ordering System is to automate the existing manual system with the help of computerized equipment and full-fledged computer software, fulfilling their requirements so that their valuable data/information can be stored for a longer period with easy access and manipulation of the same. The required software and hardware are easily available and easy to work with.

Online Food Ordering System, as described above, can lead to an error-free, secure, reliable, and fast management system. It can assist the user to concentrate on their other activities rather than concentrate on record keeping. Thus it will help organizations in better utilization of resources. The organization can maintain computerized records without redundant entries. That means that one need not be distracted by information that is not relevant while being able to reach the information.

The aim is to automate its existing manual system with the help of computerized equipment and full-fledged computer software, fulfilling their requirements so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. Basically, the project describes how to manage for good performance and better services for the clients.

**CHAPTER 1****INTRODUCTION**

The "Online Food Ordering System" has been developed to override the problems prevailing in the practicing manual system. This software is supported to eliminate and, in some cases, reduce the hardships faced by this existing system. Moreover, this system is designed for the particular need of the company to carry out operations smoothly and effectively.

The application is reduced as much as possible to avoid errors while entering the data. It also provides an error message while entering invalid data. No formal knowledge is needed for the user to use this system. Thus, by this all it proves it is user-friendly. Online Food Ordering System, as described above, can lead to an error-free, secure, reliable, and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus, it will help organizations in better utilization of resources.

Every organization, whether big or small, has challenges to overcome and managing the information of Category, Food Item, Order, Payment, Confirm Order. Every Online Food Ordering System has different Food Item needs; therefore, we design exclusive employee management systems that are adapted to your managerial requirements. This is designed to assist in strategic planning and will help you ensure that your organization is equipped with the right level of information and details for your future goals. Also, for those busy executives who are always on the go, our systems come with remote access features, which will allow you to manage your workforce anytime, at all times. These systems will ultimately allow you to better manage resources

**CHAPTER – 2****PROJECT ANALYSIS****2.1 PURPOSE OF THE PROJECT**

The main objective of the Project on Online Food Ordering 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.

**Functionalities provided by Online Food Ordering System are as follows:**

- Provides the searching facilities based on various factors. Such as Food Item, Customer, Order, Confirm Order
- Online Food Ordering System also manage the Order details online for Order details, Confirm Order details, Food Item.
- It tracks all the information of Category, Payment, Order etc.
- Manage the information of Category .
- Shows the information and description of the Food Item, Customer .
- To increase efficiency of managing the Food Item, Category .
- It deals with monitoring the information and transactions of Order.
- Manage the information of Food Item
- Editing, adding and updating of Records is improved which results in proper resource management of Food Item data
- Manage the information of Order.
- Integration of all records of Confirm Order.

**2.2 EXISTING SYSTEM**

Every organization, whether big or small, has challenges to overcome and managing the information of Category, Food Item, Order, Payment, Confirm Order. So that whether if any order placed they have to save the order details by manually typing order details in the computer or by writing down in pen and paper . Many organizations don't take any orders from online because they don't have any interface to take these orders.

If you want to accept online orders and manage and save order and customer details , What you need is a Online food ordering System.

**2.2.1 PROBLEMS IN EXISTING SYSTEM**

Online food ordering system will help users to order food easily from internet and they will get the food delivered to their desired location . It was a difficult task to manage large number of online food orders. Keep track of all customer's details with their order details was a problem.

In the existing system the exams are done only manually but in proposed system we have to computerize the exams using this application.

- Lack of security of data.
- More man power.
- Time consuming.
- Consumes large volume of pare work.
- Needs manual calculations.
- No direct role for the higher officials

**2.3 PROPOSED SYSTEM**

The aim of proposed system is to develop a system of improved facilities. The proposed system can overcome all the limitations of the existing system. The system provides proper security and reduces the manual work.

- Security of data.
- Ensure data accuracy's.
- Proper control of the higher officials.
- Minimize manual data entry.
- Minimum time needed for the various processing.
- Greater efficiency.
- Better service.
- User friendliness and interactive.
- Minimum time required.

In the Previous System, Details are Stored Manually in papers, find the order and customer details was very much time consuming . Managing these details is also a tedious task.

But a new system was proposed to overcome the above drawbacks.

**The proposed system has the following requirements:**

- System needs store information about new entry of Food Item.
- System needs to help the internal staff to keep information of Category and find them as per various queries.
- System need to maintain quantity record.
- System need to keep the record of Customer.
- System need to update and delete the record.
- System also needs a search area.
- It also needs a security system to prevent data

**2.4 DATA COLLECTION**

System analysis is a process of gathering and interpreting facts, diagnosing problems and the information about the Online Food Ordering System to recommend improvements on the system. It is a problem solving activity that requires intensive communication between the system users and system developers. System analysis or study is an important phase of any system development process. The system is studied to the minutest detail and analyzed. The system analyst plays the role of the interrogator and dwells deep into the working of the present system. The system is viewed as a whole and the input to the system are identified. The outputs from the organizations are traced to the various processes. System analysis is concerned with becoming aware of the problem, identifying the relevant and decisional variables, analyzing and synthesizing the various factors and determining an optimal or at least a satisfactory solution or program of action. A detailed study of the process must be made by various techniques like interviews, questionnaires etc. The data collected by these sources must be scrutinized to arrive to a conclusion. The conclusion is an understanding of how the system functions. This system is called the existing system. Now the existing system is subjected to close study and problem areas are identified. The designer now functions as a problem solver and tries to sort out the difficulties that the enterprise faces. The solutions are given as proposals. The proposal is then weighed with the existing system analytically and the best one is selected. The proposal is presented to the user for an endorsement by the user. The proposal is reviewed on user request and suitable changes are made. This is loop that ends as soon as the user is satisfied with proposal. Preliminary study is the process of gathering and interpreting facts, using the information for further studies on the system. Preliminary study is problem solving activity that requires intensive communication between the system users and system developers. It does various feasibility studies. In these studies a rough figure of the system activities can be obtained, from which the decision about the strategies to be followed for effective system study and analysis can be taken.

**CHAPTER – 3****REQUIREMENT ANALYSIS****3.1 PURPOSE AND SCOPE**

The main objective of the Project on Online Food Ordering 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.

**Scope of the project Online Food Ordering System :**

It may help collecting perfect management in detail. In a very short time, the collection will be obvious, simple and sensible. It will help a person to know the management of passed year perfectly and vividly. It also helps in current all works relative to Online Food Ordering System. It will be also reduced the cost of collecting the management & collection procedure will go on smoothly.

Our project aims at Business process automation, i.e. we have tried to computerize various processes of Online Food Ordering System.

- In computer system the person has to fill the various forms & number of copies of the forms can be easily generated at a time.
- In computer system, it is not necessary to create the manifest but we can directly print it, which saves our time.
- To assist the staff in capturing the effort spent on their respective working areas.
- To utilize resources in an efficient manner by increasing their productivity through automation.
- The system generates types of information that can be used for various purposes.
- It satisfy the user requirement
- Be easy to understand by the user and operator
- Be easy to operate
- Have a good user interface
- Be expandable
- Delivered on schedule within the budget.

#### **Reports of Online Food Ordering System:**

- It generates the report on Food Item, Category, Payment
- Provide filter reports on Customer, Order, Confirm Order
- You can easily export PDF for the Food Item, Payment, Order
- Application also provides excel export for Category, Customer, Confirm Order
- You can also export the report into csv format for Food Item, Category, Confirm Order

## **CHAPTER - 4**

### **SPECIFIC REQUIREMENTS**

#### **4.1 Functional and non-functional requirements Functional requirements:**

Functional requirements define the capabilities and **functions** that a system must be able to perform successfully. The functional requirements of this online ordering system include:

##### **Admin :-**

1. **Dashboard:-** In this section, admin can see the number of users, food categories, food items, total orders and total revenue.
2. **Admin:-** In this section, admin can see all the available admins and manage (Add/Update/Change password/delete).
3. **Users:-** In this section, admin can see all the users registered in the website , their details and manage these data (Add/Update/delete).
4. **Category:-** In this section, admin can see all the food categories available and can manage food categories (Add/Update/Delete).
5. **Food:-** In this section, the admin can see all the food items available and can manage foods (Add/Update/Delete).
6. **Order:-** In this section, admin can view all the orders and order details and can update orders.

#### **3.2 USERS OF THE SYSTEM :**

##### **Users :-**

- a. Guest User
- b. Registered Users

##### **Guest Users:-**

1. **Home Page:-** Users can see food categories , food items and can search for food.
2. **Category page:-** Users can view categories page and can select food according their category
3. **Food Menu:-** User can view all the food items available and can search for their desired food.
4. **About us:-** Users can view the contact us page.
5. **Login/Register:-** In this guest user can register himself/herself.

##### **Registered Users:-**

1. **Home Page:-** Users can see food categories , food items and can search for food.
2. **Category page:-** Users can view categories page and can select food according their category
3. **Food Menu:-** User can view all the food items available and can search for their desired food.

4. **About us:-** Users can view the contact us page.
5. **Login:-** Users can log in with their registered email id and password.
6. **Order food:-** Users can order food by entering the required details.
7. **My Orders:-** In this section users can see their ordered foods and can delete their order.

#### **Non-Functional Requirements:**

##### **Operational Requirements**

- ☐ The system should operate properly in most web browsers.
- ☐ The system should prompt the manager (each restaurant's admin) to make a backup at the end of the workday

##### **Performance Requirements**

- ☐ The system should let user place an order in a short period of time. (less than one minute delay of loading)
  - ☐ All tables in the database should be normalized at least up to 3<sup>rd</sup> normal form.
- So Fetching data from database shall not exceed 5 to 10 seconds in worst case.

##### **Security Requirements**

- ☐ The system shall validate the username and password in order to login and make changes to the system.
- ☐ The system shall request the current password of the user in order to let them change to a new password.
- ☐ Passwords should be encrypted.

##### **Usability Requirement**

- ☐ The system should have a simple and easy-to-learn graphic user interfaces.
- ☐ A new customer should be able to use most of the system's functionalities in less than half an hour of training.

#### **4.211 User Interface Requirements :**

Each of the system components will have their own unique interface. These are described below.

##### **Web Ordering System**

Users of the web ordering system will interact with the application through a series of simple forms. Each category of food has its own form associated with it which presents a drop down menu for choosing which specific item from the category should be added to the order, and a series of check boxes and radio buttons for selecting which options are to be included. Adding an item to the order is accomplished by a single button click. Users select which category of food they would like to order, and therefore which form should be displayed, by navigating a menu bar, an approach which should be familiar to most users.

Entering delivery and payment details is done in a similar manner. The user is presented with a form and must complete the required fields, which include both drop down and text boxes, before checking out and receiving a confirmation number. One thing worth noting here is that whenever possible drop down boxes and buttons were used over freeform input in order to both simplify the ordering process and reduce the possibility of an SQL injection attempt.

##### **Menu Management System**

spthUser associated with specifically text boxes, since there is no input here presents buttons which allow they are specific food item associated with that item, all of which can be modified presented with a form for a system, onm. Users navigate with however, most of the menu they would like to modify an management will be freeform, addition of new fields and values. Unlike the web a tree displays structures system the all of the current fields and values to find the field after similar to that or removed. The form for making vendor, category, or their selection with also f

User interaction with the menu management system is similar to that with the web ordering system. Users navigate a tree structure to find the vendor, category, or specific food item that they would like to modify and after making their selection they are presented with a form which displays all of the current fields and values associated with that item, all of which can be modified or removed. The form also presents buttons which allow the addition of new fields and values. Unlike the web ordering system, however, most of the input here will be freeform, specifically in the form of text boxes, since

there is no finite set of fields which could be added. This does not raise a major concern though, as input sanitation will be performed, and the user, who is assumed to be a restaurant employee, is less likely to be malicious than a web user.

### Order retrieval System

User interaction with the order retrieval will be very simple. The application will automatically fetch new orders from the database at regular intervals and display the order numbers, along with delivery time, in a panel on the left hand side of the application. To view the details of an order, the user must simply click on that order number, which will populate the right-hand panel with the details, displayed in an easy to read and navigate tree structure. This structure can intuitively be expanded and collapsed to display only the desired information. Finally, once an order is processed, the user clicks a single button, labelled “Processed”, to remove it from the list of active orders

## CHAPTER – 5

### SYSTEM REQUIREMENTS

#### 5.1 TECHNOLOGIES USED

##### Software Requirement:

##### Client Side:

|                         |   |
|-------------------------|---|
| <b>Web Browser</b>      | Google Chrome or any compatible browser |
| <b>Operating System</b> | Windows or any equivalent OS            |

|                             |   |
|-----------------------------|---|
| <b>Web Server</b>           | APACHE                                  |
| <b>Server side Language</b> | PHP5.6 or above version                 |
| <b>Database Server</b>      | MYSQL                                   |
| <b>Web Browser</b>          | Google Chrome or any compatible browser |
| <b>Operating System</b>     | Windows or any equivalent OS            |

### APACHE

The Apache HTTP Server Project is an effort to develop and maintain an opensource HTTP server for modern operating systems including UNIX and Windows. The goal of this project is to provide a



secure, efficient and extensible server that provides HTTP services in sync with the current HTTP standards.

The Apache HTTP Server ("http") was launched in 1995 and it has been the most popular web server on the Internet since April 1996. It has celebrated its 20th birthday as a project in February 2015.

### PHP

- PHP stands for PHP: Hypertext Preprocessor. • PHP is a server-side scripting language, like ASP.
- PHP scripts are executed on the server.

PHP supports many databases (MYSQL, Informix, Oracle, Sybase, Solid, Generic ODBC, etc.).

- PHP is open source software.
- PHP is free to download and use.

### MYSQL

- MYSQL is a database server
- MYSQL is ideal for both small and large applications
- MYSQL supports standard SQL
- MYSQL compiles on a number of platforms
- MYSQL is free to download and use

## 5.2 TOOLS USED

### Hardware Requirements:

| Name of component | Specification     |
|-------------------|-------------------|
| Processor         | Intel I5 10gen    |
| RAM               | 8 GB              |
| Hard disk         | 512 GB            |
| Monitor           | 15" color monitor |
| Keyboard          | 122 keys          |

## CHAPTER - 6

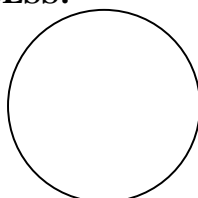
### SYSTEM DESIGN

#### 6.1 DATA FLOW DIAGRAMS

The DFD also known as the Bubble Chart is a simple graphical formalism that can be used to represent a system in terms of the input data to the system. Various processing carried out on these data, and the output data generated by the system. The main reason why the DFD technique is so popular is probably because of the fact that DFD is a very simple formalism-it is simple to understand and use. A DFD uses a very limited number of primitive symbols to represent the functions performed by a system and the data flow among these functions. Starting with a set of high-level functions that a system performs, a DFD model hierarchically represents various sub functions. The five different types of primitive symbols used for constructing DFDs are:

### SYMBOLS USED:

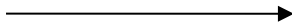
#### PROCESS:



A function is represented using a circle. This symbol is called a process or a bubble. Bubbles are annotated with the names of the corresponding functions.

**EXTERNAL ENTITY:**

An external entity such as a librarian, a library member, etc. is represented by a rectangle. The external entities are essentially those physical entities external to the software system that interact with the system by inputting data to the system or by consuming the data produced by the system. In addition to the human users, the external entity symbols can be used to represent external hardware and software such as application software.

**DATA FLOW:**

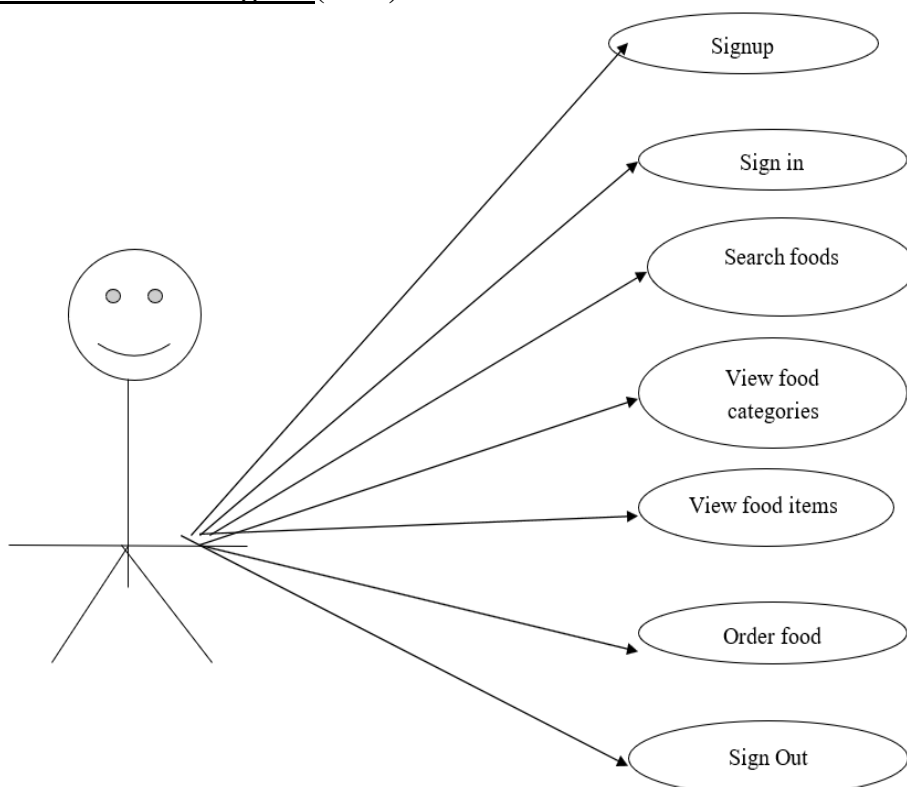
A directed arc or an arrow is used as a data flow symbol. A data flow symbol represents the data flow occurring between two processes, or between an external entity and a process, in the direction of the data flow arrow. Data flow symbols are usually annotated with the corresponding data names.

**DATA STORE:**

A data store represents a logical file. It is represented using two parallel lines. A logical file can represent either a data store symbol, which can represent either a data structure, or a physical file on disk. Each data store is connected to a process by means of a data flow symbol. The direction of the data flow arrow shows whether data is being read from or written into a data store. An arrow flowing in or out of a data store implicitly represents the entire data of the data store and hence connecting to a data store need not be annotated with the name of the corresponding data items.

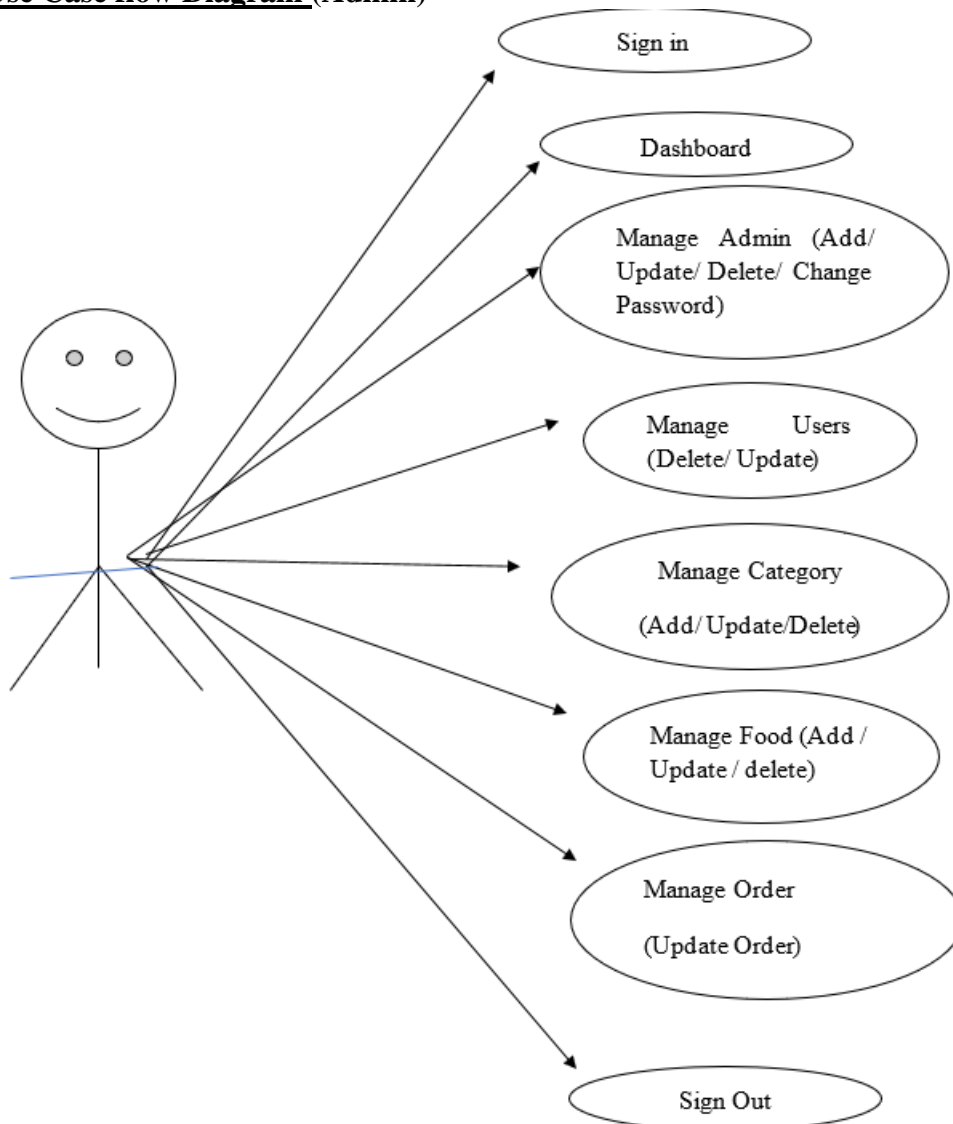
**OUTPUT SYMBOL:**

The output symbol is used when a hard copy is produced and the user of the copies cannot be clearly specified or there are several users of the output.

**DATA FLOW DIAGRAM****Use Case flow Diagram(User)**

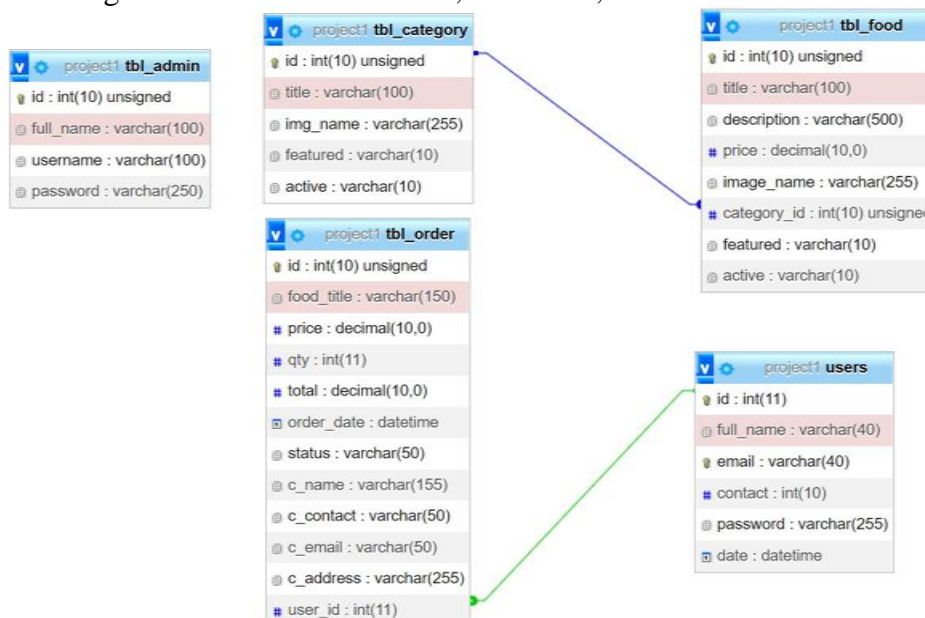


### Use Case flow Diagram (Admin)



### 6.2 CLASS DIAGRAM

The class diagram shows a set of classes, interfaces, collaborations and their relationships.





## CHAPTER – 7

### OUTPUT SCREENS

#### 7.1 LOGIN PAGE VALIDATION

Users Log in page –



Orderista

HomeCategoriesFoodsRegisterLog in

## Login Form

Error! Invalid Credentials .

Login to your account

#S#4#S#S

\*\*\*\*\*

login

Not registered? [Create an account](#)

### Who are we?

Launched in 2021 Online Food Delivery has grown from a home project to one of the largest food aggregators in the Odisha. We are present in 24 cities , enabling our vision of better food for more people. We not only connect people to food in every context but work closely with restaurants to enable a sustainable ecosystem.

### Quick Links

- [Home](#)
- [Our Food](#)
- [About Us](#)
- [FAQ's](#)
- [Order Now](#)

### Newsletter

Sign up with your name and email to get updates fresh updates.

E-mail Address

[Subscribe](#)

### Get in Touch

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[info@ofd.com](#)

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### Admin Log in –

### Log in to Admin

Log in to access the admin panel

Username:

Enter your username


Password:

Enter your password here

[Log in](#)



## 7.2 REGISTRATION PAGE

[Home](#) [Categories](#) [Foods](#) [Register](#) [Log in](#)

# Sign Up Form

Sign Up here

Full Name:

Email:

Contact No-

Password:

Confirm Password:

[Sign Up](#)

[Already registered? Log in here](#)

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### 7.3 QUERY PAGE



[Home](#)
[Categories](#)
[Foods](#)
[Register](#)
[Log in](#)

## Order Delivery & Take-Out


Search Dishes and Order Now




1. Choose Your Food




2. Order Food




3. Delivery or take out


[Home](#)
[Categories](#)
[Foods](#)
[My orders](#)
[Log out](#)


### Food menu




**Veg Pizza**  
₹ 180  
Pizza dough, roasted red bell, canned artichoke hearts, pizza sauce, red pepper flakes




**Chicken biryani**  
₹ 100  
Aromatic, delicious and spicy one pot chicken biryani made with basmati rice, spices, chicken and herbs




**Chicken Pizza**  
₹ 280  
Onion, capsicum , Canned black beans, pizza crust, skinless chicken breasts and soas.



**Margherita Pizza**  
₹ 250  
whole wheat pizza crust, scratch-made tomato sauce, melty mozzarella cheese and fresh basil





**Paneer Pizza**  
₹ 200  
Pizza crust layered with marinara sauce, paneer, bell pepper, onions, and cheese. The best fusion pizza ever!



**Egg Pizza**  
₹ 230  
Cheese, cherry tomatoes, pizza base, green pepper, egg





[Home](#)
[Categories](#)
[Foods](#)
[My orders](#)
[Log out](#)



### Fill this form to confirm your order.

Selected Food



**Hyderabadi Chicken Biryani**  
₹ 130

Quantity  
1

Delivery Details

**Full Name**  
Enter your full name here

**Phone Number**  
E.g. 9843xxxxxx

**Email**  
E.g. hi@gmail.com

**Address**  
E.g. Street, City, Country

☐ Cash On Delivery

[Confirm Order](#)

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## Admin Section

[Home](#)
[Admin](#)
[Users](#)
[Category](#)
[food](#)
[order](#)
[Log out](#)

### Dashboard

3  
Users

11  
Categories

27  
Foods





1  
Total orders

₹

Total Amount Of Sell

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| <a href="#">Home</a> <a href="#">Admin</a> <a href="#">Users</a> <a href="#">Category</a> <a href="#">food</a> <a href="#">order</a> <a href="#">Log out</a> |                  |        |   |          |        |   |
|--|------------------|--------|---|----------|--------|---|
| <h2>Manage food</h2>   |                  |        |   |          |        |   |
| <a href="#">Add Food</a>   |                  |        |   |          |        |   |
| SNO  | Title            | Price  | Image   | Featured | Active | Actions   |
| 1  | Veg Pizza        | 180 Rs |  | off      | on     | <a href="#">Update Food</a> <a href="#">Delete Food</a> |
| 2  | Chicken biryani  | 100 Rs |  | on       | on     | <a href="#">Update Food</a> <a href="#">Delete Food</a> |
| 3  | Chicken Pizza    | 280 Rs |  | off      | on     | <a href="#">Update Food</a> <a href="#">Delete Food</a> |
| 4  | Margherita Pizza | 250 Rs |  | on       | on     | <a href="#">Update Food</a> <a href="#">Delete Food</a> |

## CHAPTER – 8

### CONCLUSION

Our project is only a humble venture to satisfy the needs to manage their project work. Several user friendly coding have also adopted. This package shall prove to be a powerful package in satisfying all the requirements of the school. The objective of software planning is to provide a frame work that enables the manger to make reasonable estimates made within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses.

**At the end it is concluded that we have made effort on following points...**

- A description of the background and context of the project and its relation to work already done in the area.
- Made statement of the aims and objectives of the project.
- The description of Purpose, Scope, and applicability.
- We define the problem on which we are working in the project.
- We describe the requirement Specifications of the system and the actions that can be done on these things.
- We understand the problem domain and produce a model of the system, which describes operations that can be performed on the system.
- We included features and operations in detail, including screen layouts.
- We designed user interface and security issues related to system.
- Finally the system is implemented and tested according to test cases.

## CHAPTER – 9

### DATABASE TABLES

MYSQL- MySQL ("My S-Q-L", officially, but also called "My Sequel") is (as of July 2013) the world's second most widely used open-source relational database management system (RDBMS). It is named after co-founder Michael Widenius daughter, My. The SQL phrase stands for Structured Query Language. The MySQL development project has made its source code available under the terms of the GNU General Public License, as well as under a variety of proprietary agreements. MySQL was owned and sponsored by a single for-profit firm, the Swedish company MySQL AB, now owned by Oracle

Corporation .MySQL is a popular choice of database for use in web applications, and is a central component of the widely used LAMP opens source web application software stack (and other 'AMP' stacks). LAMP is an acronym for "Linux, Apache, MySQL, Perl/PHP/Python." Freesoftware-open source projects that require a full-featured database management system often use MySQL. For commercial use, several paid editions are available, and offer additional functionality. Applications which use MySQL databases Library Management System include: TYPO3, MODx, Joomla, WordPress, phpBB, MyBB, Drupal and other software. MySQL is also used in many highprofile, large-scale websites, including Wikipedia, Google (though not for searches), Facebook, Twitter, Flickr, and YouTube.

#### Database Tables:

In this project various tables used for maintain the information.

Table structure for table tbl\_admin

| Column    | Type         | Null | Default |
|-----------|--------------|------|---------|
| <i>id</i> | int(10)      | No   |         |
| full_name | varchar(100) | No   |         |
| username  | varchar(100) | No   |         |
| password  | varchar(250) | No   |         |

Table structure for table tbl\_category

| Column          | Type         | Null | Default |
|-----------------|--------------|------|---------|
| <i>id</i>       | int(10)      | No   |         |
| <b>title</b>    | varchar(100) | No   |         |
| <b>img_name</b> | varchar(255) | No   |         |
| <b>featured</b> | varchar(10)  | No   |         |
| <b>active</b>   | varchar(10)  | No   |         |

Table structure for table tbl\_food

| Column      | Type                 | Null      | Default |
|-------------|----------------------|-----------|---------|
| <i>id</i>   | <b>int(10)</b>       | <b>No</b> |         |
| title       | <b>varchar(100)</b>  | <b>No</b> |         |
| description | <b>varchar(500)</b>  | <b>No</b> |         |
| price       | <b>decimal(10,0)</b> | <b>No</b> |         |
| image_name  | <b>varchar(255)</b>  | <b>No</b> |         |
| category_id | <b>int(10)</b>       | <b>No</b> |         |
| featured    | <b>varchar(10)</b>   | <b>No</b> |         |
| active      | <b>varchar(10)</b>   | <b>No</b> |         |

Table structure for table tbl\_order

| Column     | Type          | Null | Default |
|------------|---------------|------|---------|
| id         | int(10)       | No   |         |
| food_title | varchar(150)  | No   |         |
| price      | decimal(10,0) | No   |         |
| qty        | int(11)       | No   |         |
| total      | decimal(10,0) | No   |         |
| order_date | datetime      | No   |         |
| status     | varchar(50)   | No   |         |
| c_name     | varchar(155)  | No   |         |
| c_contact  | varchar(50)   | No   |         |
| c_email    | varchar(50)   | No   |         |
| c_address  | varchar(255)  | No   |         |
| user_id    | int(11)       | No   |         |

Table structure for table users

| Column           | Type         | Null | Default |
|------------------|--------------|------|---------|
| <i>id</i>        | int(11)      | No   |         |
| <b>full_name</b> | varchar(40)  | No   |         |
| email            | varchar(40)  | No   |         |
| <b>contact</b>   | int(10)      | No   |         |
| <b>password</b>  | varchar(255) | No   |         |
| <b>date</b>      | datetime     | No   |         |

## CHAPTER – 10

### LIMITATIONS AND ENHANCEMENTS

#### Limitations:

Although I have put my best efforts to make the software flexible, easy to operate but limitations cannot be ruled out even by me. Though the software presents a broad range of options to its users some intricate options could not be covered into it; partly because of logistic and partly due to lack of

sophistication. Paucity of time was also major constraint, thus it was not possible to make the software foolproof and dynamic. Lack of time also compelled me to ignore some part such as storing old result of the candidate etc.

Considerable efforts have made the software easy to operate even for the people not related to the field of computers but it is acknowledged that a layman may find it a bit problematic at the first instance. The user is provided help at each step for his convenience in working with the software.

**List of limitations which is available in the Online Food Ordering System:**

- Excel export has not been developed for Food Item, Category due to some criticality.
- There is no online mode payment method available so that customers have to pay on delivery.
- Off-line reports of Food Item, Confirm Order, Customer cannot be generated due to batch mode execution.

**Enhancements:**

In a nutshell, it can be summarized that the future scope of the project circles around maintaining information regarding:

- We can add printer in future.
- We can give more advance software for Online Food Ordering System including more facilities
- We will host the platform on online servers to make it accessible worldwide
- Integrate multiple load balancers to distribute the loads of the system
- Create the master and slave database structure to reduce the overload of the database queries
- Implement the backup mechanism for taking backup of codebase and database on regular basis on different servers.

The above-mentioned points are the enhancements which can be done to increase the applicability and usage of this project. Here we can maintain the records of Food Item and Category. Also, as it can be seen that now-a-days the players are versatile, i.e. so there is a scope for introducing a method to maintain the Online Food Ordering System. Enhancements can be done to maintain all the Food Item, Category, Customer, Order, Confirm Order.

We have left all the options open so that if there is any other future requirement in the system by the user for the enhancement of the system then it is possible to implement them. In the last we would like to thanks all the persons involved in the development of the system directly or indirectly. We hope that the project will serve

ITS PURPOSE FOR WHICH IT IS DEVELOP THERE BY UNDERLINING SUCCESS OF PROCESS

## CHAPTER – 11

### REFERENCES

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