

1. INTRODUCTION

Food Ordering System is an application which will help restaurant to optimized and control over their restaurants. For the waiters, it is making life easier because they don't have to go kitchen and give the orders to chef easily. For the management point of view, the manager will able able to control the restaurant by having all the reports to hand and able to see the records of each employees and orders.

This application helps the restaurants to do all functionalities more accurately and faster way. Food Ordering System reduces manual works and improves efficiency of restaurant. This application is helping Food Ordering s to maintain the stock and cash flows and there are many more functionalities, like.

- To store records.
- Control orders and services.
- Billings.
- Control staff and their shifting.
- Control multiple branches.
- Helps Manager to control each part of the restaurant.

The main goal is to maintain the restaurant's functions in an effective and accurate manner and also it is reducing the use of manual entries. This software helps food orders to maintain day to day records in system. It is keeping a proper record of the database.

1.1 PROBLEM STATEMENT:

Many restaurants is storing all of their data in manual way. They have huge number of customers daily. So because large number of customers, they need the help of some features so they can maintain and stores the records accurately. For managers it is difficult to view the tables, orders, kitchen, reception and the counter simultaneously.

They need full-fledged software to maintain their day to day transactions, orders and also regular update on records, cash transaction, daily staffs reports,

customers feedbacks etc. In the existing system, entering all the details are done manually, it is taking lots of time and also there are chances for mistakes.

1.2 DOMAIN STUDY

Food Ordering is the profession of managing a restaurant. The management is mainly divided into three broader section.

- **Floor management:** 'Floor management' includes managing staff who give services to customers and allocate the duties of opening and closing restaurant. The manager is responsible for making sure his or her staff is following the service standards and health and safety regulations. The manager is the most important person in the front-of-the-house environment, since it is up to him or her to motivate the staff and give them job satisfaction. The manager also looks after and guides the personal well-being of the staff, since it makes the work force stronger and more profitable.
- **Kitchen Management:** 'Kitchen Management' includes the managing staff working in the kitchen, especially the head chef. The kitchen is the most important part of the business and the main reason customers patronize the restaurant. Managing the kitchen staff helps to control food quality. As most commercial kitchens are a closed environment, the staff may become bored or tired from the work. Without proper management, this often results in an inconsistent food product. Kitchen management involves most importantly, cost control and budgeting. Meeting KPI's are a must for a restaurant to survive. Head chefs must instill and teach money management to apprentices. This is as important as teaching the art and skills of cookery.
- **Administration:** 'Administration' includes stock controlling, scheduling rotations, budgeting the labor costs, balancing cost and profit according to seasonality, surveying and hiring staff, and maintenance of the commercial kitchen equipment.

2.SYSTEM REQUIREMENTS

2.1 LITERATURE REVIEW

Sources of Information

We have been to many restaurants, to understand their process of maintaining database and the level of efficiency they have in their system and drawbacks of their existing systems. After visiting many such centres and stores we thought of developing an application which will overcome the drawbacks of the existing systems.

Primary sources:

- Web Sites
- Discussion with owners of many restaurants.
- Suggestions from friends.

Secondary sources:

- Reference Materials

2.2 EXISTING SYSTEM:

2.2.1 Description:

Many Restaurants stores and maintain their day to day transactions manually. But some of them are having automation system which is helping them to store the data. But such restaurants are storing the information about the orders and the customer information. They don't have facility to store the information of feedbacks and favorite orders of customers over some period of time.

Restaurants are having standalone applications so at one time, they have the facility of many screens or many operations which is happening at one time. So they are storing them and then at last, the restaurant managers will able to see the data of last day.

The software which restaurants are using is very costly and their maintainence which is very high.

The software which we tried and get the information was called “Food Delivery ”. This software which free for download but the restaurant have to pay after sometime.

- **Food Delivery:**

Food Delivery aims to save trees by letting you manage reservations on a computer and, in the process, lets you keep track of regular customers. For such a high price tag, we weren't that impressed by its design and brief trial period; however, it gets the job done.

The user interface is pretty plain, but it's intuitive and easy to navigate even without the Help feature. Should you need it, it also contains helpful tutorials and tips for getting started and pinpointing any issues you might have. Command buttons for viewing and making reservations line the top of the window, along with buttons for viewing customer history and reports. We were able to jump right in and quickly create a new reservation. It was simply a matter of clicking the Make Reservation button and inputting all the required information, including name, time of reservation, and duration. There are also fields for entering the customer's address, phone, e-mail, and business information. It's not required, but will certainly come in handy for taking advantage of the customer history and report features. Our reservation immediately appeared in the program's main screen. Using the buttons at the bottom of the window, we were able to edit the entry, change the status (arrived, departed, seated, at bar, etc.), and even add a message.

Though we would have liked to have seen a longer trial period than the 10 uses offered, we were still able to get a grip on the program's functions and navigation. If you're looking for a way to enter and manage reservations, this is a good tool to have on-hand.

2.2.1 Drawbacks:

- This software is basically used only for reservation means table booking.
So if we want to just order some food or store any feed backs then it wont

be any helpful. At last the restaurants have to store by themselves which will become no use of software.

- The user interface of the application is also not that much attractive. It is made in .net so the restaurant must have to install any windows operating system to install this application.
- So from the restaurants point of view, they are able to store only one kind of information. There is no security feature also.
- If any of party order is cancelling at the last moment, it will make a variation in the already created records and also will cause the wastage of foods.
- Many of the systems will not store the budget details for a long time.
- This will create a lot of mistakes like misspellings, calculation problems, duplicate entries etc.
- It is difficult for Managers to supervise all the sides of restaurants like kitchen, floor, and counter simultaneously.
- There is no functionality to get the updated details at all time to the Owners and Managers from all the branches.

2.3 PROPOSED SYSTEM:

The proposed system helps in many ways. It helps to do billing very easily. Account maintenance also becomes easier. They can keep track of their purchases of inventories, staffs details, customer feedback, sales of foods, and account details etc. The software is provided with the facilities to find out the favorite food of the customers, and the seasonal foods, or customers to add or modify and delete their feedbacks and suggestions. It helps in managing data of different types of orders like party order, home delivery or the normal order. Managing data of daily customers, managing data of staffs, managing data of daily expenses. It eliminates the drawbacks of existing system and also includes some more features.

2.3.1 Advantages:

- RMS will store all the records permanently and also gives the raises and deviations in the status of the restaurant in the markets.
- All the records of the current and ex-staffs will be stored in the database.

- All the shift timings of staffs, salary, extra working time and charge etc. are also updated daily.
- Managers can view the kitchen side, floor side and the counter side details simultaneously and also can get details and updates from various branches.
- Any cancelations of parties are also updated.
- All the expenses per day will updated in the database daily.
- Also keeps the record of food items prepared and the sales of food and also the record of balance food.
- Less use of manual work.
- Profits and losses will be updated every month and also shows the variations.
- All the food order details like the order types (normal, home delivery, party order etc.) are stored daily.

2.4 FUNCTIONAL SPECIFICATION

Food Ordering is having many modules, which make the software more efficient and user friendly. The modules make the maintenance of the database easier. Every module is divided on the basis of the scenarios. The main three scenarios are

- Kitchen
- Manager
- Floor

The different modules in this project are described below:

- Food Items
- Order.
- Staffs.
- Cancellations.
- Expenses
- Home delivery

Menu Module:

In this module the number of food, their prices, offers etc. like details will stores.

- Insert food item.
- Insert price.

- Delete food item.
- Delete price.
- Modify price.

Order Module:

In this module the type of order, the amount etc like details will stores.

- Insert Order.
- Insert type of order.
- Insert price.
- Delete order.
- Delete price.
- Modify price.

Staffs Module:

In this module the number of staffs, their names, salary details, shift timings etc will stores.

- Insert staff.
- Delete staff.

Cancellations Module:

In this module the canceled foods details are stores.

- Insert Canceled order.
- Delete canceled order.

Expenses Module:

In this module the expenses of the money are stores.

- Insert Expenses.
- Delete Expenses.
- Modify Expenses.

Home Delivery:

In this module, there will section which will store the data about home delivery orders.

- Add order.
- Add bill.
- Delete order.
- Delete bill.

2.5 SOFTWARE TOOL SPECIFICATION:

XAMPP

XAMPP is an easy to install Apache distribution containing MySQL, PHP and Perl. XAMPP is really very easy to install and to use - just download, extract and start.

XAMPP for Windows

The distribution for Windows 2000, 2003, XP, Vista, 7 and 8. This version contains: Apache, MySQL, PHP + PEAR, Perl, mod_php, mod_perl, mod_ssl, OpenSSL phpMyAdmin,

Webalizer, Mercury Mail Transport System for Win32 and NetWare Systems v3.32, Ming, FileZilla FTP Server, mcrypt, eAccelerator, SQLite, and WEB-DAV + mod_auth_mysql.

- ✓ Apache 2.4.4
- ✓ MySQL 5.5.32
- ✓ PHP 5.4.16
- ✓ phpMyAdmin 4.0.4
- ✓ FileZilla FTP Server 0.9.41
- ✓ Tomcat 7.0.41 (with mod_proxy_ajp as connector)
- ✓ Strawberry Perl 5.16.3.1 Portable

MySQL Workbench:

MySQL Workbench is a unified visual tool for database architects, developers, and DBAs. MySQL Workbench provides data modeling, SQL development, and comprehensive administration tools for server configuration, user administration, and much more. MySQL Workbench is available on Windows, Linux and Mac OS.

MySQL Workbench enables a DBA, developer, or data architect to visually design, model, generate, and manage databases. It includes everything a data modeler needs for creating complex ER models, forward and reverse engineering, and also delivers key features for performing difficult change management and documentation tasks that normally require much time and effort.

MySQL Workbench delivers visual tools for creating, executing, and optimizing SQL queries. The SQL Editor provides color syntax highlighting, reuse of SQL snippets, and execution history of SQL. The Database Connections Panel enables developers to easily manage database connections. The Object Browser provides instant access to database schema and objects.

MySQL Workbench provides a visual console to easily administer MySQL environments and gain better visibility into databases. Developers and DBAs can use the visual tools for configuring servers, administering users, and viewing database health.

2.6 HARDWARE REQUIREMENT:

- Processor: 800MHz Intel Pentium III or equivalent or new
- Disk Space: 50 MB or more

2.7 SOFTWARE REQUIREMENT:

- Operating System: No particular OS required because PHP is platform independent.
- Software: XAMPP, MySQL

Programming Language

- ✓ HTML
- ✓ CSS
- ✓ JQuery
- ✓ Raw PHP
- ✓ MYSQL

3. DESIGN SPECIFICATION

3.1 MODULER DESIGN:

Resturant Management System, we have divided mainly in three modules.

.Manager Side:

- It includes stock controlling, scheduling rotations, labour costs, balancing cost and profit according to seasonality, surveying and hiring staff, and maintenance of the commercial kitchen equipment.

1. Kitchen Side

- It will keep the records of orders. So chef's will able to see and give the orders to waiters.

2. Floor Side

- There will be details about orders, details about waiter and billing facility will be there.

3.2 SYSTEM DESIGN

3.2.1 DATAFLOW DIAGRAM:

0 Level :

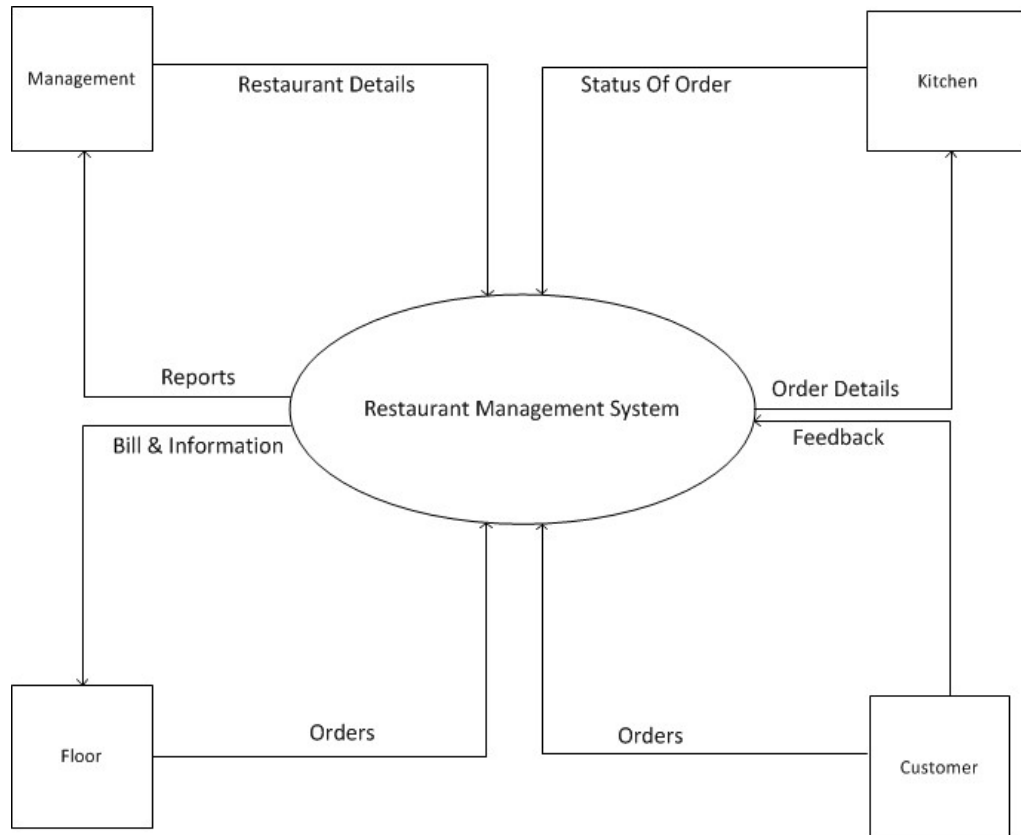


Fig 3.1

1 Level:

- Login Process:

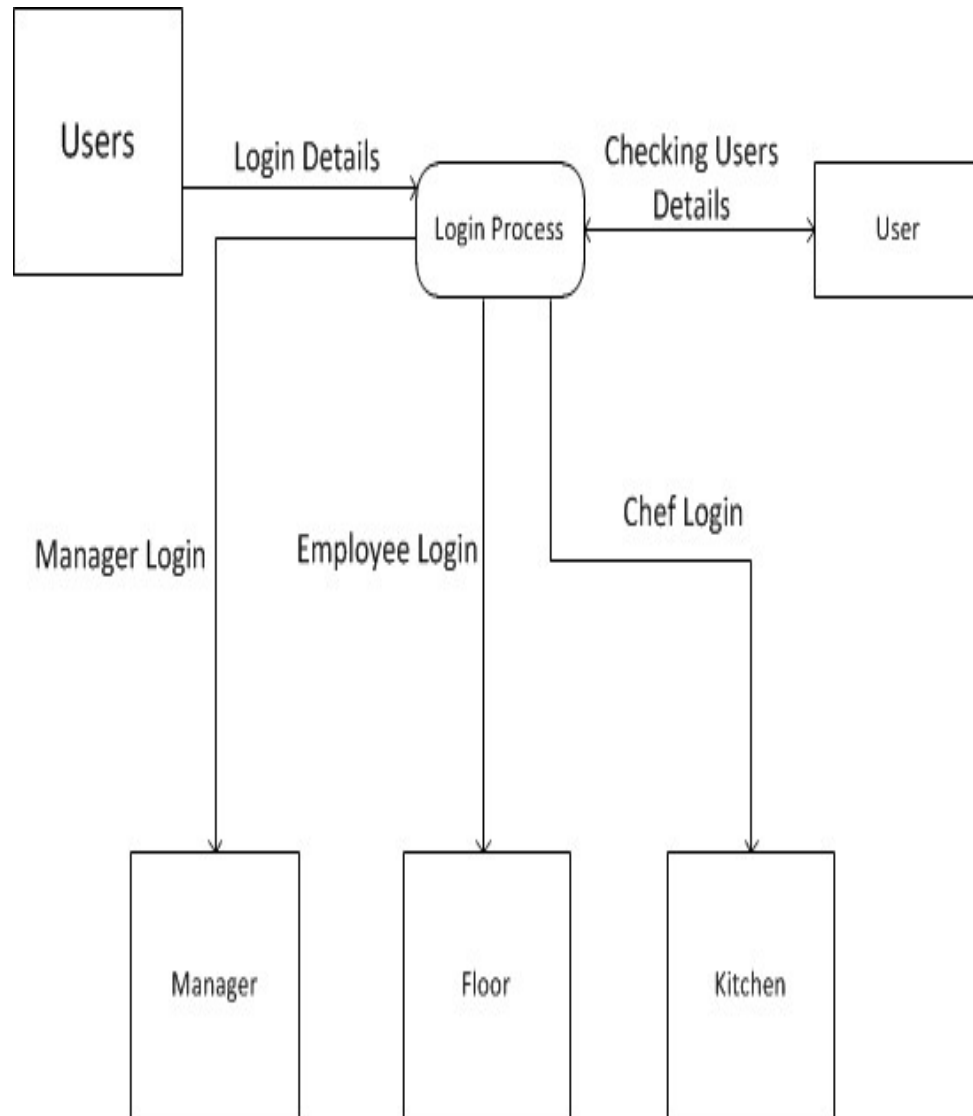


Fig 3.2

- Manager Side:

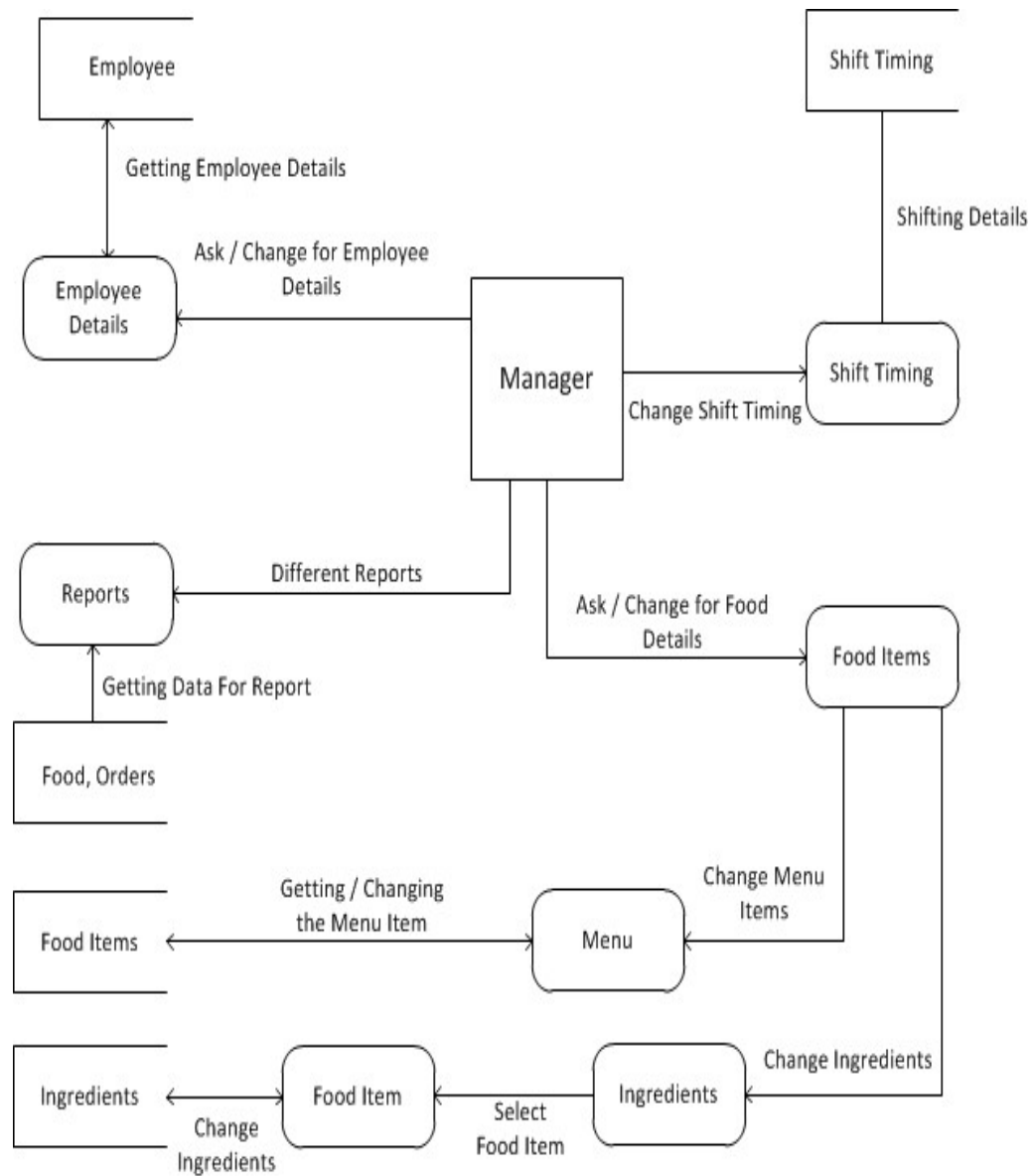


Fig 3.3

- Kitchen Side:

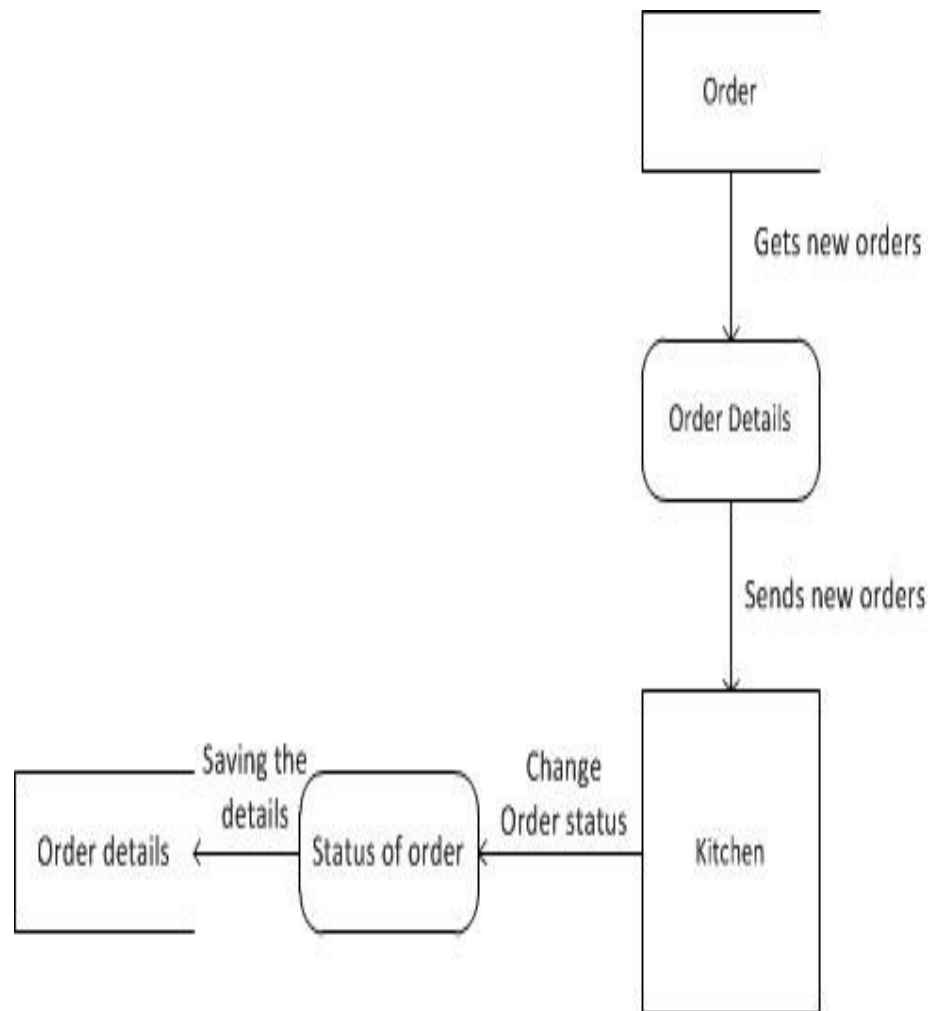


Fig 3.4

- Floor Side

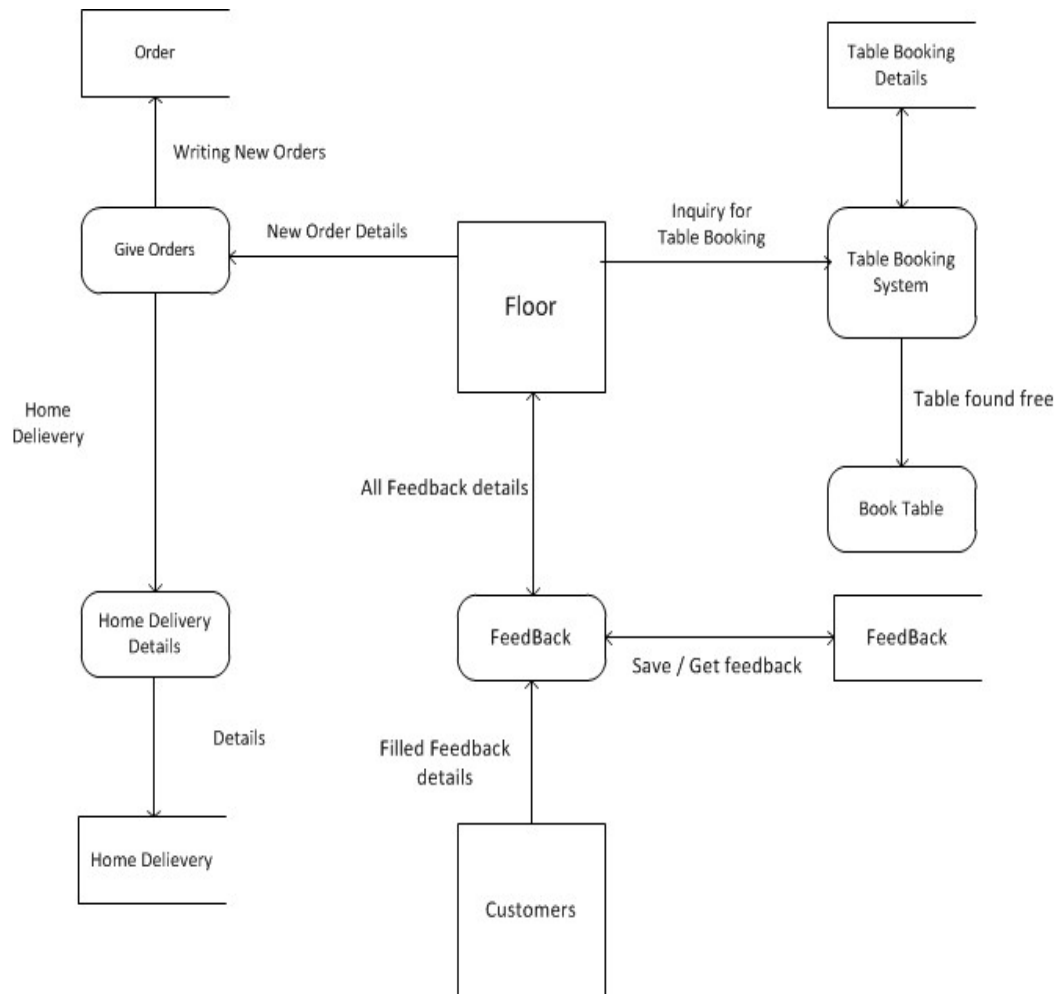


Fig 3.5

3.2.2 ER DIAGRAM

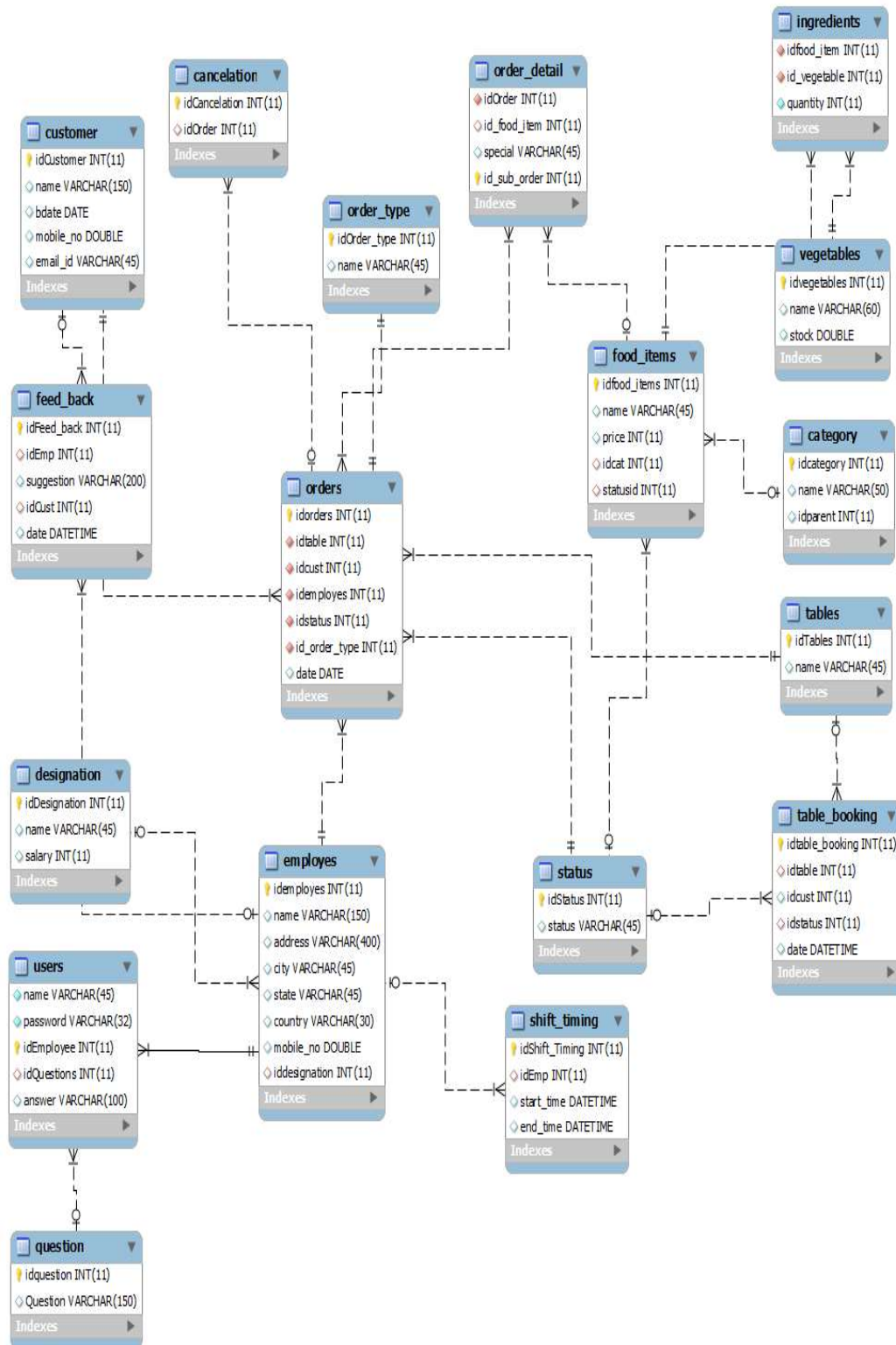


Fig3.6

3.2.3 DATA DICTIONARY

1. Users:

Field Name	Data Type	Size
Name	Varchar	20
Password	Varchar	32
idEmployee	INT	
idQuestion	INT	
Answer	VARCHAR	100

2. Cancelation:

Field Name	Data Type	Size
idCancelation	INT	
idOrder	INT	

3. Category:

Field Name	Data Type	Size
idCategory	INT	
Name	Varchar	32
idParent	INT	

4. Customer:

Field Name	Data Type	Size
idCustomer	INT	
Name	Varchar	150
Bdate	Date	
Mobile_no	Double	
Email_id	Varchar	45

5. Designation:

Field Name	Data Type	Size
idDesignation	INT	
Name	Varchar	45
Salary	INT	

6. Employee:

Field Name	Data Type	Size
idEmployee	INT	
Name	Varchar	150
Address	Varchar	400
City	Varchar	30
State	Varchar	30
Mobile_no	Double	
idDesignation	INT	

7. Feed_Back:

Field Name	Data Type	Size
idFeed_Back	INT	
Suggestion	Varchar	200
idEmployee	INT	
idCustomer	INT	

8. Food Items:

Field Name	Data Type	Size
idFood_item	INT	
Name	Varchar	45
Price	INT	
idCategory	INT	

9. Ingredients:

Field Name	Data Type	Size
idFood_Item	INT	
idVegetable	INT	
Quantity	INT	

10. Order Type:

Field Name	Data Type	Size
idOrder_type	INT	
Name	Varchar	45

11. Order:

Field Name	Data Type	Size
idOrder	INT	
idTable	INT	
idCustomer	INT	
idEmployee	INT	
idStatus	INT	
idOrder_type	INT	
Date	Date	

12. Order Details:

Field Name	Data Type	Size
idSub_Order	INT	
idOrder	INT	
idFood_item	INT	
Special	Varchar	45

13. Shift Timing:

Field Name	Data Type	Size
idShift_Time	INT	
idEmployee	INT	
Start_Time	DateTime	
End_Time	DateTime	

14. Status:

Field Name	Data Type	Size
idStatus	INT	
Status	Varchar	45

15. Tables:

Field Name	Data Type	Size
idTable	INT	
Name	Varchar	45

16. Table Booking

Field Name	Data Type	Size
idTable_booking	INT	
idTable	INT	
idCustomer	INT	
idStatus	INT	
Date	Date	

17. Questions:

Field Name	Data Type	Size
idQuestion	INT	
Questions	Varchar	100

18. Vegetables:

Field Name	Data Type	Size
idVegetable	INT	
Name	Varchar	45
Stock	Double	

3.2.4 DATA VALIDATIONS AND CONSTRAINTS:

1. **Required Data Fields:** There are many fields in many forms in which user have to put some data. If you just not give any entry or any text in some kind of fields then it won't allow because of that, our data is stored very neatly and all the required fields of database won't be blank.
2. **No Digits allowed:** There are many fields in which user won't be allowed to store the digits in some fields. Like many forms having the field like names, in which user won't be allowed to store any digits in that given fields.
3. **No Alphabets allowed:** There are many fields in the application which user won't be able to store any kind of alphabets. Like in the mobile number field, user won't be allowed to store any kind of alphabets, they just have to enter only numbers.
4. **User Validation:** There is validation for username, over here, we are just validating the username. If similar kind of user found out in the database, then application won't allow the same name of username.
5. **Password Validation:** Whenever user wants change the password then he/she must enter the password in between 5 to 15.
6. **Email Validation:** Whenever application will ask for any email, then he/she must have to enter proper email.
7. **Mobile number Validation:** Whenever user is entering the mobile number then he/she must have to enter proper mobile number like he/she must have to enter 10 digits and like it should be start with 0.

4. IMPLEMENTATION DETAILS

4.1 SAMPLE CODE:

- **Index page:**

This is sample code of index screen form, which will first start when user will start the application.

```
<?php
ob_start();
session_start();
?>
<!DOCTYPE html>
<html>
<head>
    <title>Food Delivery</title>
    <meta charset="uft-8">
    <script type="text/javascript" src="js/jquery-1.7.1.min.js"></script>
    <script type="text/javascript" src="js/auto-suggesion.js"></script>
    <link rel="stylesheet" type="text/css" href="main.css">
    <link rel="stylesheet" type="text/css" href="css/foodmenu.css">

</head>
<body>
    <div class="header_part">
        <div class="header">
            <div class="logo">
                <h2>Food Delivery</h2>
            </div>
            <div class="menu">
                <ul class="main_menu">
                    <li><a
href="index.php">Home</a></li>
                    <li><a href="foodmenu.php">Food
Menu</a></li>
```

```

        <li><a
href="contact.php">Contact</a></li>
        <?php if(isset($_SESSION['id'])) { ?>
        <li><a
href="logout.php">Logout</a></li>
        <?php } else { ?>
        <li><a
href="registration.php">Login</a></li>
        <?php } ?>
    </ul>
</div>
</div>
<!--End "HEADER div"-->

<div class="banner clearfix">
    <div class="banner_content">
        <h3>Food Delivery and <br>Catering from
Area Restaurant</h3>
    </div>
    <div class="search">
        <p>Enter Your Area</p>
        <form action="foodmenu.php" method="get">
            <input type="text" list="d_address"
id="suggest" name="address" autocomplete="off" required>
            <datalist id="d_address">

            </datalist>
            <br>
            <input type="submit" value="search">
        </form>
    </div>
</div>
<!--End "Banner div"-->

```



```
<div class="location clearfix">
  <h2>We Delivery Following Areas in 25 Minutes</h2>
  <ul class="area_menu">
    <li>Chorpara</li>
    <li>Ganginar Par</li>
    <li>C. K. Ghosh Road</li>
    <li>Town Hall Mor</li>
    <li>College Road</li>
    <li>Boro Bazar</li>
  </ul>
</div>
```

```
</div>
<!--End "HEADER_PART div"-->
```

```
<div class="category">
  <h2>Browse by Category</h2>
  <div class="food">
    <div class="food-1">
      <a
href="food/american_food.php?cat=American"><p>American Food</p></a>
    </div>
    <div class="food-2">
      <a
href="food/american_food.php?cat=Bangladeshi"><p>Bangladeshi
Food</p></a>
    </div>
    <div class="food-3">
      <a
href="food/american_food.php?cat=Indian"><p>Indian Food</p></a>
    </div>
    <div class="food-4">
      <a
href="food/american_food.php?cat=Chinese"><p>Chinese Food</p></a>
```

```
</div>
<div class="food-5">
    <a
href="food/american_food.php?cat=Italian"><p>Italian Food</p></a>
</div>
<div class="food-6">
    <a
href="food/american_food.php?cat=Mexican"><p>Mexican Food</p></a>
</div>
<div class="food-7">
    <a
href="food/american_food.php?cat=Thai"><p>Thai Food</p></a>
</div>
<div class="food-8">
    <a
href="food/american_food.php?cat=Thai"><p>Arabian Food</p></a>
</div>

</div>
</div>
<!--End "Category" div-->

<div class="footer" style="clear: both;">
    <p clearfix>&copy; Copyright <?= date("Y") ?> for
FoodDelivary.com. <br>Designed & developed By Sony Biswas and Somnath
Nayak</p>
</div >
<!--End "Footer" div-->
</body>
</html>
```

- **Registration page**

```
<!DOCTYPE html>
<html>
<head>
<title>Food Delivery</title>
<meta charset="uft-8">
<link rel="stylesheet" type="text/css" href="main.css">
<link rel="stylesheet" type="text/css" href="css/registration.css">
<script type="text/javascript" src="js/jquery-1.7.1.min.js"></script>
<script type="text/javascript" src="js/formValidation.js"></script>
</head>
<body>

<div class="header_part header_bg">
<div class="header">
<div class="logo">
    <h2>Food Delivery</h2>
</div>
<div class="menu">
    <ul class="main_menu">
        <li><a href="index.php">Home</a></li>
        <li><a href="foodmenu.php">Food Menu</a></li>
        <li><a href="registration.php">Login</a></li>
        <li><a href="contact.php">Contact</a></li>
    </ul>
</div>
</div>
</div>
</div>
<!--End "HEADER div"-->
<div class="login clearfix">
<h1>Login</h1>
<br>
```

```
<?php
    if(isset($_GET['error'])) {
        echo '<p
style="background:orange;color:white;padding:5px;">invalid Username or
Password
        </p><br>';
    }
?>
```

```
<form action="scripts/login.inc.php" method="post">
<input placeholder="Email Address" id="login_email" name="username"
type="text"><br><br>
<input placeholder="Password" name="password" id="login_pass"
type="password"><br><br>
<input value="Login" type="submit" id="login_submit" name="submit">
</form>
```

```
</div>
```

```
<div class="account">
    <div class="create_account clearfix">
        <?php
            if(isset($_GET['success'])) {
                echo '<p
style="background:green;color:white;padding:5px;">Congratulation! Account
Created :)</p><br>';
            }
        ?>
        <form action="scripts/registration.inc.php" method="post">
<h1>Create Account</h1> <span></span>
        <br>
```



```
</div>
</form>
</div>

<div class="footer top-margin-footer" style="clear: both;">
    <p clearfix>&copy; Copy Right 2015 for FoodDelivary.com.
    <br>Designed & developed By Sony Biswas and Somnath Nayek</p>
</div >

</body>
</html>
```

- **Foodmenu page**

```
<!DOCTYPE html>
<html>
<head>
    <title>Food Delivary</title>
    <meta charset="uft-8">
    <link rel="stylesheet" type="text/css" href="main.css">
    <link rel="stylesheet" type="text/css" href="css/foodmenu.css">
</head>
<body>
    <div class="header_part">
        <div class="header">
            <div class="logo">
                <h2>Food Delivery</h2>
            </div>
            <?php include 'inc/menu.php' ?>
        </div>
    </div>

    <!--End "HEADER div"-->
```

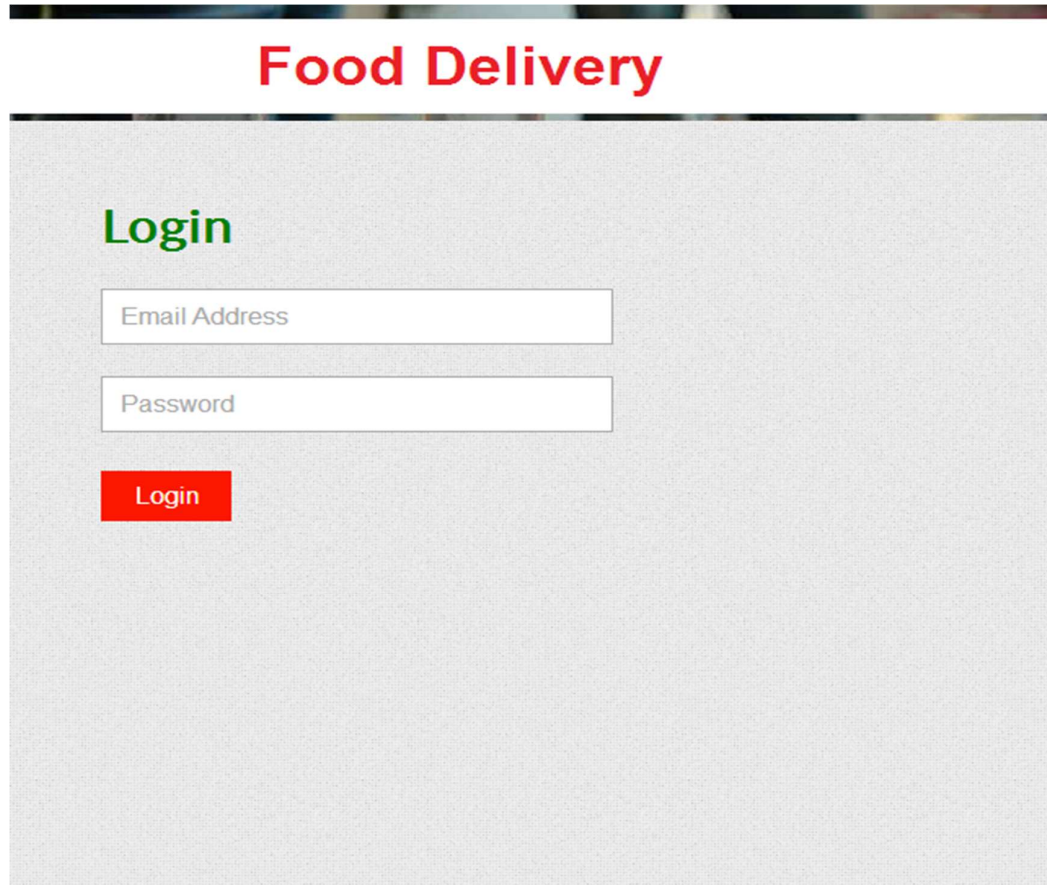
```
<div class="category">
<h2>Food Menu Category</h2>
<div class="food">
  <div class="food-1">
    <a
href="food/american_food.php?cat=American"><p>American Food</p></a>
  </div>
  <div class="food-2">
    <a
href="food/american_food.php?cat=Bangladeshi"><p>Bangladeshi
Food</p></a>
  </div>
  <div class="food-3">
    <a
href="food/american_food.php?cat=Indian"><p>Indian Food</p></a>
  </div>
  <div class="food-4">
    <a
href="food/american_food.php?cat=Chinese"><p>Chinese Food</p></a>
  </div>
  <div class="food-5">
    <a
href="food/american_food.php?cat=Italian"><p>Italian Food</p></a>
  </div>
  <div class="food-6">
    <a
href="food/american_food.php?cat=Mexican"><p>Mexican Food</p></a>
  </div>
  <div class="food-7">
    <a
href="food/american_food.php?cat=Thai"><p>Thai Food</p></a>
  </div>
  <div class="food-8">
```

```
<a
href="food/american_food.php?cat=Arabian"><p>Arabian Food</p></a>
</div>
<div class="food-8">
<a
href="food/american_food.php?cat=fast"><p>Fast Food</p></a>
</div>
</div>

<div class="footer" style="clear: both;">
<p clearfix>&copy; Copy Right 2015 for FoodDelivary.com.
<br>Designed & developed By Sony Biswas and Somnath Nayak</p>
</div >
<!--End "Footer" div-->
</body>
</php>
```


4.2 SCREEN SHOTS

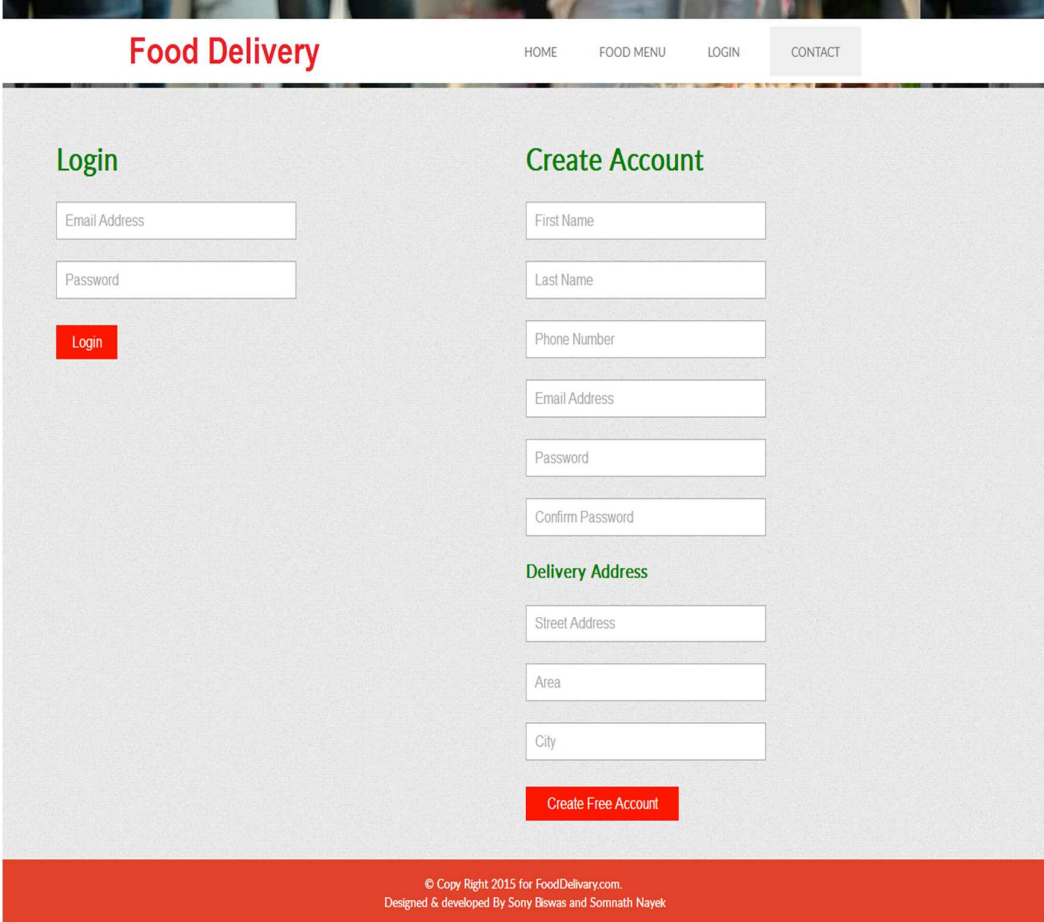
- **Login Form:**



The screenshot displays a web interface for a food delivery system. At the top, the title "Food Delivery" is written in a large, bold, red font. Below this, the word "Login" is displayed in a green font. The login form consists of two white input fields with thin grey borders. The first field is labeled "Email Address" in a light grey font, and the second field is labeled "Password" in a light grey font. Below these fields is a red rectangular button with the word "Login" written in white. The entire form is set against a light grey background.

Fig 4.1

- **Registration Form:**



The screenshot displays the 'Food Delivery' website's registration interface. At the top, a navigation bar includes the site name and links for HOME, FOOD MENU, LOGIN, and CONTACT. The main content area is divided into two sections: 'Login' and 'Create Account'. The 'Login' section features input fields for 'Email Address' and 'Password', followed by a red 'Login' button. The 'Create Account' section includes input fields for 'First Name', 'Last Name', 'Phone Number', 'Email Address', 'Password', and 'Confirm Password', followed by a red 'Create Free Account' button. Below these fields is a 'Delivery Address' section with input fields for 'Street Address', 'Area', and 'City'. The footer contains copyright information: '© Copy Right 2015 for FoodDelivery.com. Designed & developed By Sony Bowas and Somnath Nayek'.

Food Delivery

HOME FOOD MENU LOGIN CONTACT

Login

Email Address

Password

Login

Create Account

First Name

Last Name

Phone Number

Email Address

Password

Confirm Password

Delivery Address

Street Address

Area

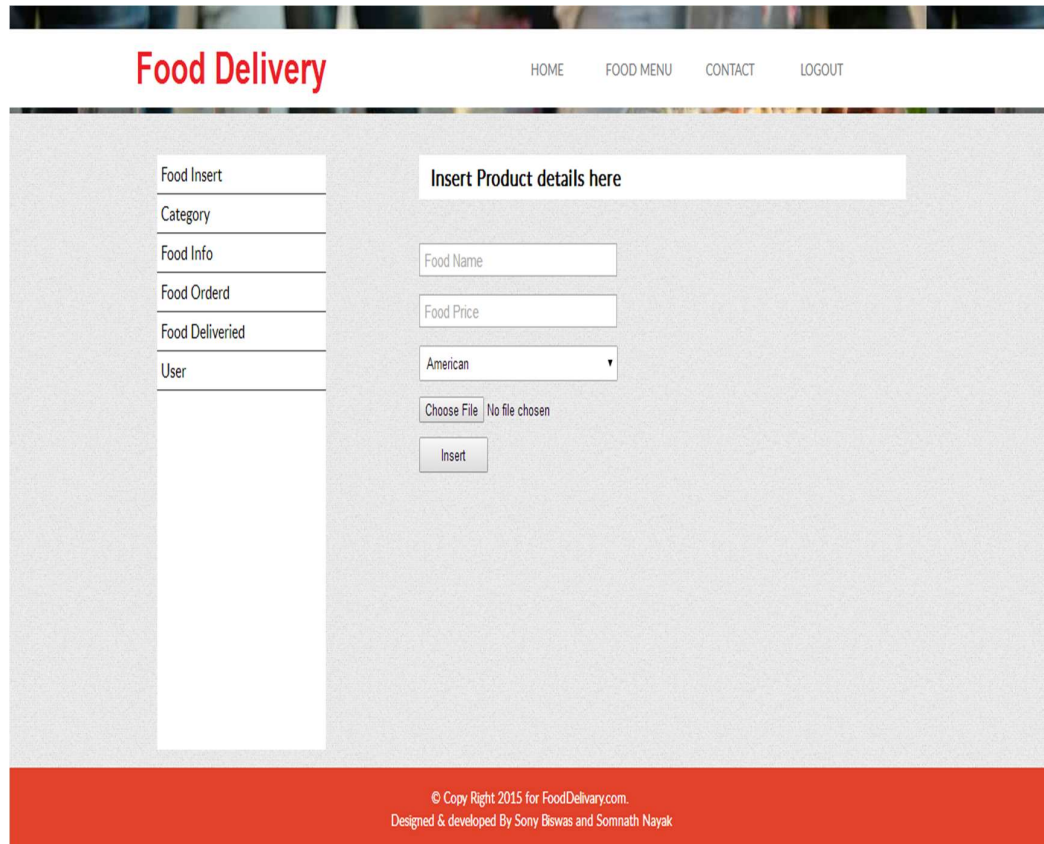
City

Create Free Account

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Fig 4.2

- **Admin Panel:**



The screenshot displays the 'Food Delivery' Admin Panel. The header features the site name 'Food Delivery' in red, with navigation links for HOME, FOOD MENU, CONTACT, and LOGOUT. The main content area is divided into two sections. On the left is a sidebar with a vertical list of navigation links: 'Food Insert', 'Category', 'Food Info', 'Food Orderd', 'Food Delivered', and 'User'. The 'Food Insert' link is highlighted. On the right is the 'Insert Product details here' form. This form includes input fields for 'Food Name' and 'Food Price', a dropdown menu currently set to 'American', a file upload section with a 'Choose File' button and the text 'No file chosen', and an 'Insert' button at the bottom. The footer of the page is red and contains copyright information: '© Copy Right 2015 for FoodDelivery.com. Designed & developed By Sony Biswas and Somnath Nayak'.

Fig 4.3

- Home [Main Screen]

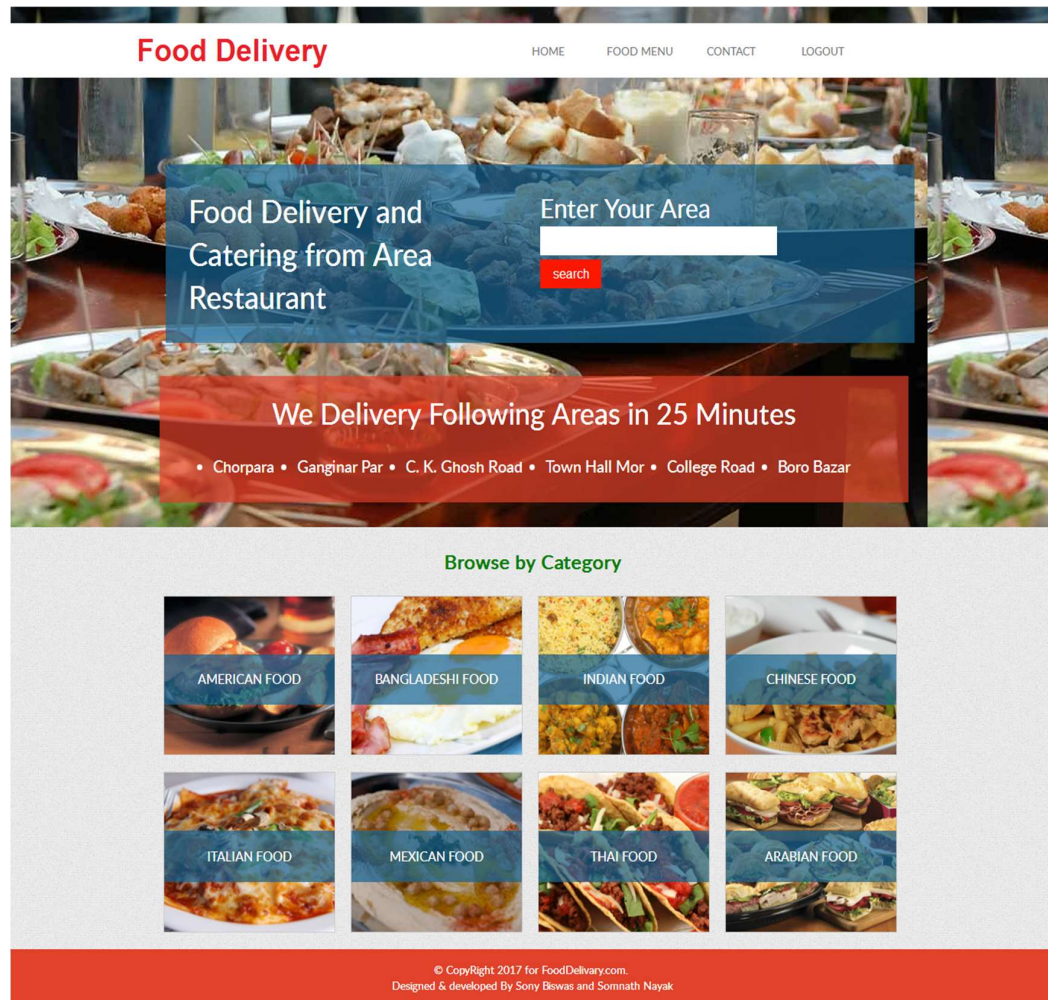


Fig 4.4

- **Food Menu [Main Screen]**

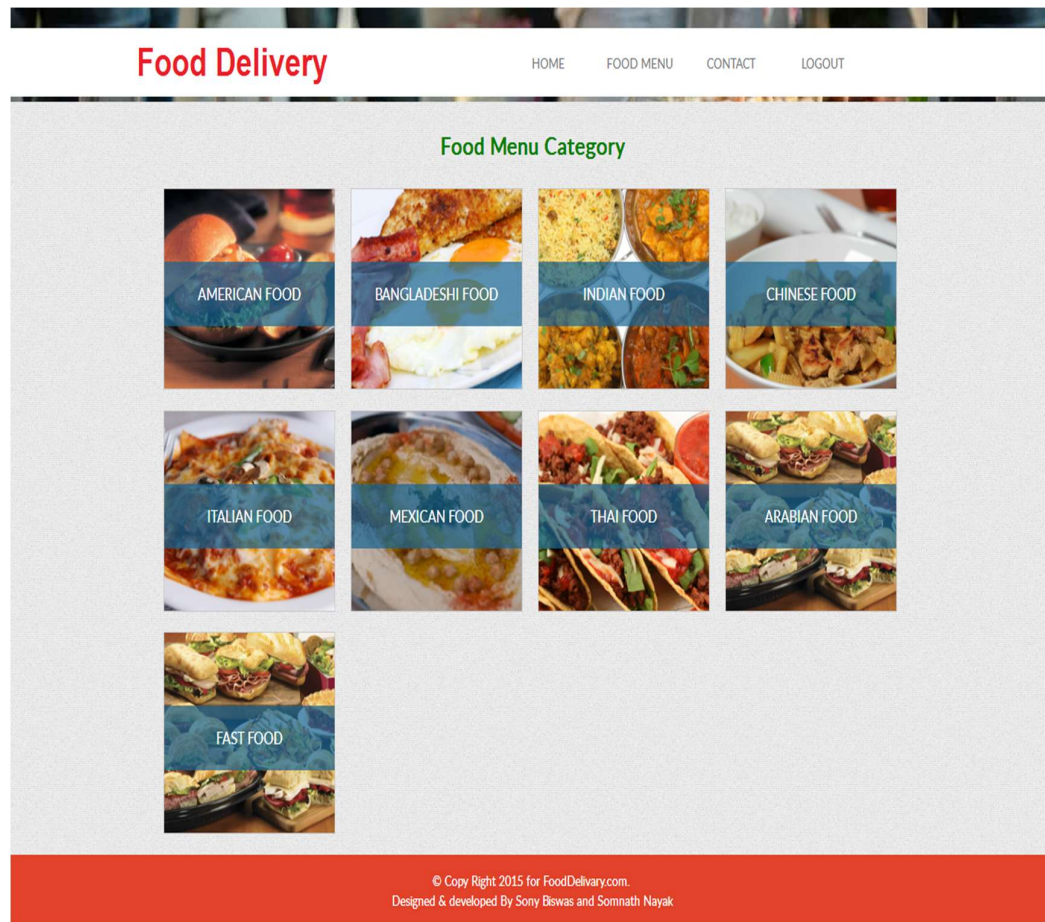
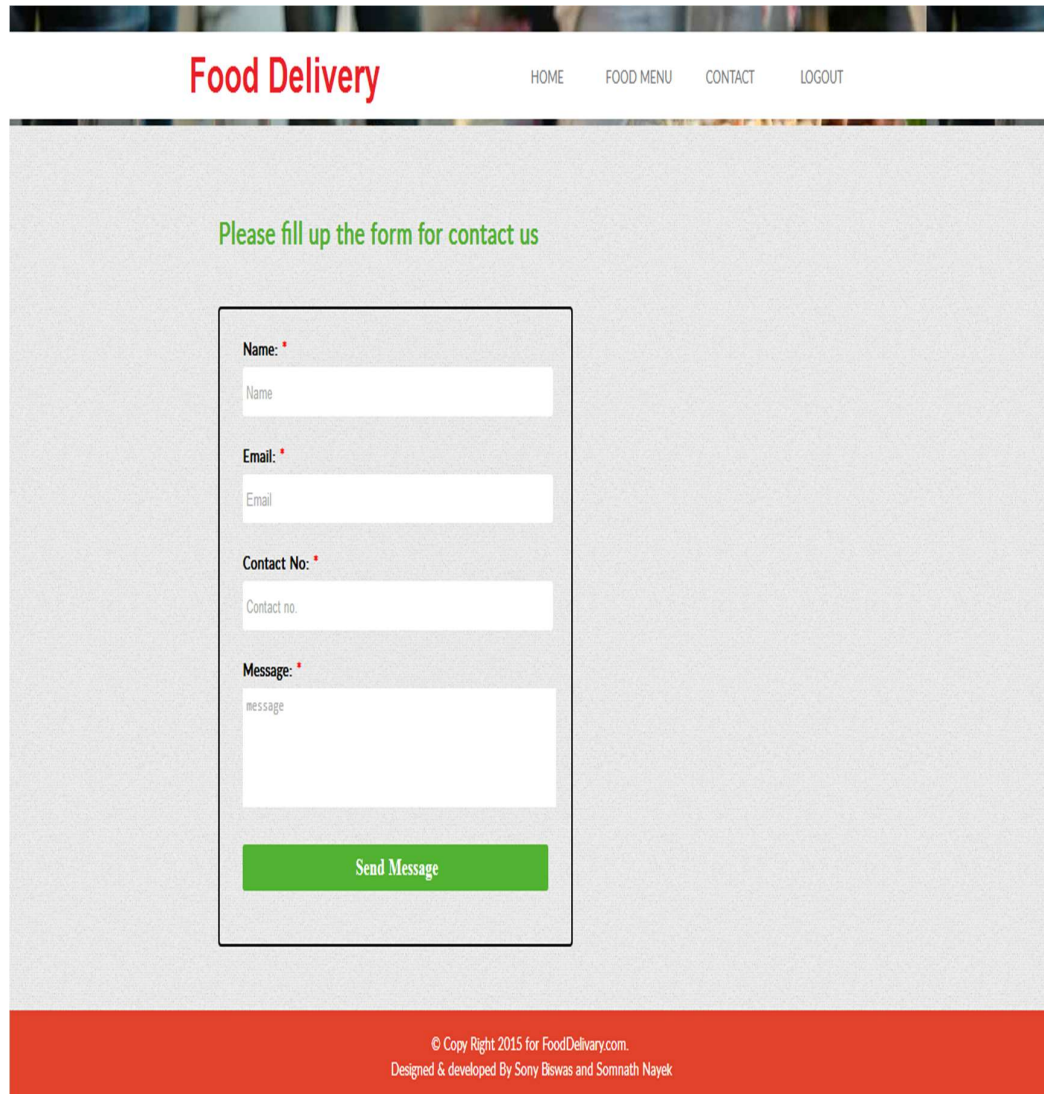


Fig 4.5

- **Contact [Manager Area]**



The screenshot displays a web interface for a 'Food Delivery' system. At the top, there is a navigation bar with the site name 'Food Delivery' in red, and links for 'HOME', 'FOOD MENU', 'CONTACT', and 'LOGOUT'. Below the navigation bar, a green message prompts the user to 'Please fill up the form for contact us'. The contact form itself is a vertical rectangle with a thin black border, containing four input fields: 'Name', 'Email', 'Contact No.', and 'Message'. Each field is preceded by its respective label and a red asterisk indicating a required field. The 'Message' field is a larger text area. A green 'Send Message' button is positioned at the bottom of the form. The entire form is set against a light gray background. At the bottom of the page, a red footer bar contains copyright information: '© Copy Right 2015 for FoodDelivery.com. Designed & developed By Sony Biswas and Somnath Nayek'.

Food Delivery

HOME FOOD MENU CONTACT LOGOUT

Please fill up the form for contact us

Name: *

Name

Email: *

Email

Contact No: *

Contact no.

Message: *

message

Send Message

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Fig 4.6

5. TESTING

To Build up Our project We Use Software Testing Process for executing a program with the intent of finding errors that is uncovering errors in a program makes it a feasible task and also trying to find the errors (whose presence is assumed) in a program. As it is a destructive process.

5.1 Type of testing we use in our Project

Here we just mentioned that how the testing is related to this software and in which way we have test the software? In our project we have used 5 types of testing these are listed below-

5.1.1 Unit Testing: Unit testing where individual program units or object classes are tested. Here by using this testing we have focused on testing the functionality of methods.

5.1.2 Module Testing: Where this is the combination of unit program is called module. Here we tested the unit program (5-6 programs) is where the module programs have dependency.

5.1.3 Sub-system Testing: Then we combined some module for the Preliminary System Testing in our Project.

5.1.4 System Testing: Where it is the combination of two or more sub-system and then it is tested. Here we tested the Entire system as per the requirements.

5.1.5 Acceptance Testing: Normally this type of testing is done to verify if system meets the customer specified requirements. After submitting this project to User then they tested it and to determine whether to accept application. It is the system testing performed by the customer(s) to determine whether they should accept the delivery of the system.

6. CONCLUSIONS

6.1 ADVANTAGES

- RMS makes works easy and faster than current applications.
- All the data will be saved in the database. So the administer can view all the data on time.
- This system reduces manual works.
- RMS will stores all the records permanently and also gives the raises and deviations in the status of the restaurant in the markets.
- All the records of the current and ex-staffs will be stored in the database.
- All the shift timings of staffs, salary, extra working time and charge etc. are also updated daily.
- Any cancelations of parties are also updated.
- All the expenses per day will updated in the database daily.
- Also keeps the record of food items prepared and the sales of food and also the record of balance food.
- All the food order details like the order types (normal, home delivery, party order etc.) are stored daily.

6.2 LIMITATIONS:

- Application won't be able to send some notification about any report or any delivery system to owner or customer.
- Application will required the java, MySQL and three different system which should be connected to one network for using application to its full functionality.
- User won't able to change the skin or any functionality of application.
- User can only get the reports in some formats only.

6.3 Future Work:

The following section describes the work that will be implemented with future releases of the software.

- Customize orders: Allow customers to customize food orders
- Enhance User Interface by adding more user interactive features. Provide Deals and promotional Offer details to home page. Provide Recipes of the Week/Day to Home Page
- Payment Options: Add different payment options such as PayPal, Cash, Gift Cards etc. Allow to save payment details for future use.
- Allow to process an order as a Guest
- Delivery Options: Add delivery option
- Order Process Estimate: Provide customer a visual graphical order status bar
- Order Status: Show only Active orders to Restaurant Employees.
- Order Ready notification: Send an Order Ready notification to the customer
- Restaurant Locator: Allow to find and choose a nearby restaurant
- Integrate with In store touch screen devices like iPad

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