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Implementation of Food Order and Delivery Management System Portal

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ABSTRACT: Our proposed system is an online food ordering system that enables ease for the customers. Our proposed system is a medium to order online food hassle free from restaurants as well as mess service. This system improves the method of taking the order from customer. The online food ordering system sets up a food menu online and customers can easily place the order as per their wish. Also with a food menu, customers can easily track the orders. This system also provides a feedback system in which user can rate the food items. Also, the proposed system can recommend hotels, food, based on the ratings given by the user, the hotel staff will be informed for the improvements along with the quality. The payment can be made online or pay-on-delivery system. For more secured ordering separate accounts are maintained for each user by providing them an ID and a password

I. INTRODUCTION

Online Food ordering system is a process in which one can order various foods and beverages from some local restaurant and hotels through the use of internet, just by sitting at home or any place. And the order is delivered to the told location.

The Online Food Order System In PHP is a simple project developed using PHP, JavaScript. The project connects different restaurants with customers. The project contains an admin (manager) and the user side. All the management like editing site contents, updating food items, adding restaurants, and checking order status can be managed from the admin side. There can be many managers on the site.

For the user section, the users can go through the homepage, about, and contact pages. In order to order the food items, the user has to create an account and sign in or log in. The food comes with the cost as well. This project makes a convenient way for customers to buy/purchase food online, without having to go to the restaurant.

This Online Food Order System is in PHP, JavaScript, and CSS. Talking about the features of this system, it contains the admin(manager) section and the user (customer) section. All the editings, updating, managing order details, food items, and restaurants are from the admin section while customers can only go through the site and give orders if want. The design of this system is simple so that the user won't get any difficulties while working on it.

This is an Online ordering system written using PHP/ MySQL.

II. LITERATURE REVIEW/RELATED WORK

1. 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.

2. 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.
3. 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.

III. PROPOSED WORK

In the present system all work is done on paper. The order report, food category and food are stored in register and at the end of the session the reports are generated. We are not interested in generating report in the middle of the session or as per the requirement because it takes more time in calculation.

1. Order product online
2. Upload product design online
3. Add, edit, delete product
4. Send order confirmation via email
5. Manage online order
6. Add delivery charge outside the coverage area
7. Secure reservation
8. forum for customer comments about the site
9. Generates various report

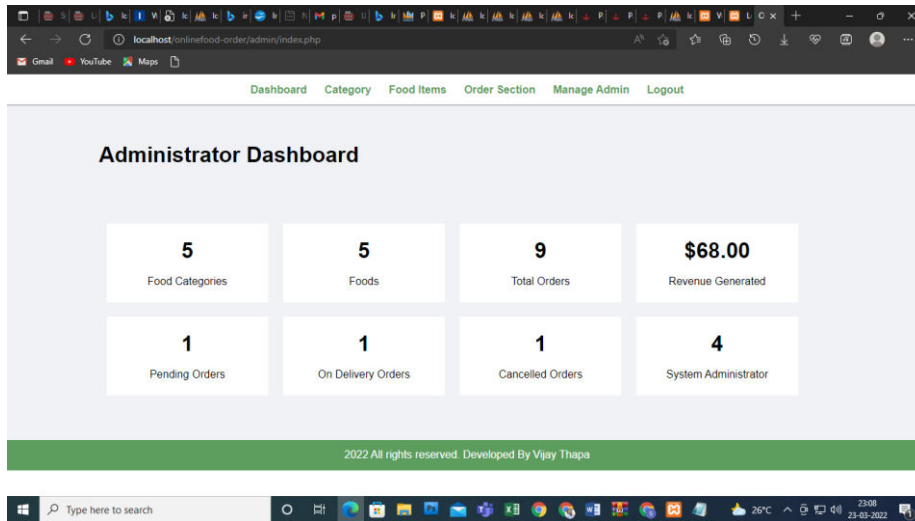
IV. SOFTWARE REQUIREMENTS AND SPECIFICATION

- **Server** : Apache 2.4.4
- **Front-end**: PHP 5.4.19 (Framework : Codeigniter 2.1.2)
- **Back-end**: MySQL 5.5.32(using phpmyadmin 4.0.6)
- **Integrated Development Environment(IDE)**: Netbeans 7.3.1
- **Platform**: Windows 7

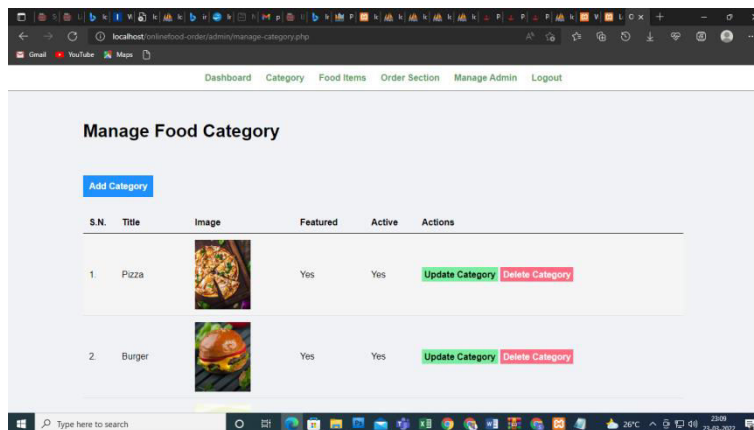
We have used **XAMPP 1.8.2** which is a free and Open Source Cross-Platform Web Server Solution Stack. It comes with Apache Web Server, MySQL Database, PHP and Perl Programming Languages.

V. MODULE WISE SYSTEM IMPLEMENTATION

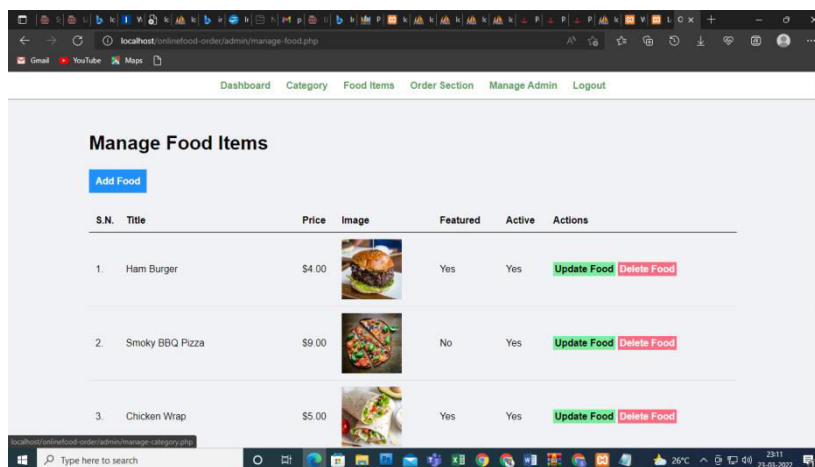
- I. **Admin Module:**
 - I. **Dashboard** : Through This Dashboard will see following
 - II. food category
 - III. food
 - IV. total order
 - V. revenue generated
 - VI. pending order
 - VII. on order delivery
 - VIII. cancel order
 - IX. manage system administration.



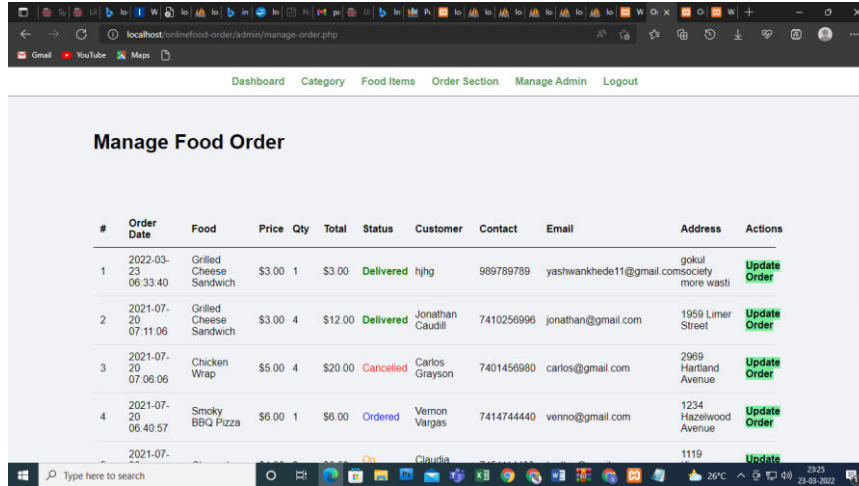
2) **Manage food category** : through this tap we can easily manage the food category with food item name image its status and action taken on food item. As shown in result.



3) **Manage Food Item** : through this we can add food manage as an adding ,delete ,update food etc.

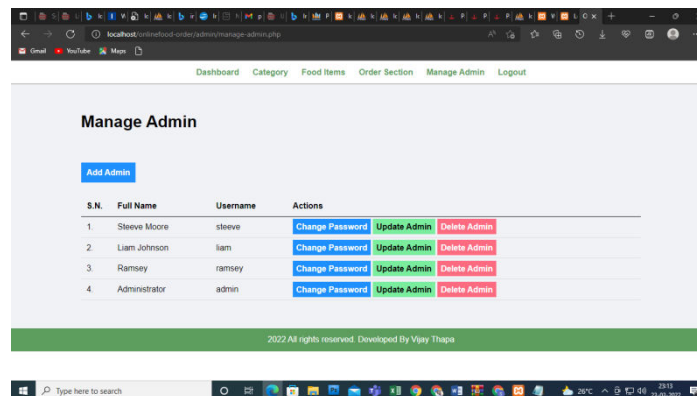


4) **Manage Order Section** : through this will update the order as delivered ,on delivery, ordered,pending,canceled. This are the status shown under manage food order section.



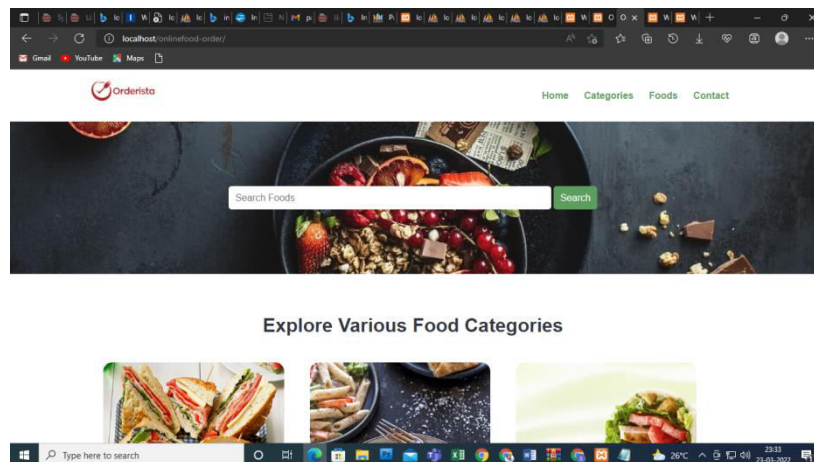
#	Order Date	Food	Price	Qty	Total	Status	Customer	Contact	Email	Address	Actions
1	2022-03-23 06:33:40	Grilled Cheese Sandwich	\$3.00	1	\$3.00	Delivered	hjhg	989789789	yashwankhede11@gmail.com	society more wasti	Update Order
2	2021-07-20 07:11:06	Grilled Cheese Sandwich	\$3.00	4	\$12.00	Delivered	Jonathan Caudill	7410256996	jonathan@gmail.com	1959 Limer Street	Update Order
3	2021-07-20 07:06:06	Chicken Wrap	\$5.00	4	\$20.00	Cancelled	Carlos Grayson	7401456980	carlos@gmail.com	2969 Harland Avenue	Update Order
4	2021-07-20 06:40:57	Smoky BBQ Pizza	\$6.00	1	\$6.00	Ordered	Vernon Vargas	7414744440	verno@gmail.com	1234 Hazelwood Avenue	Update Order
	2021-07-									1119	Update

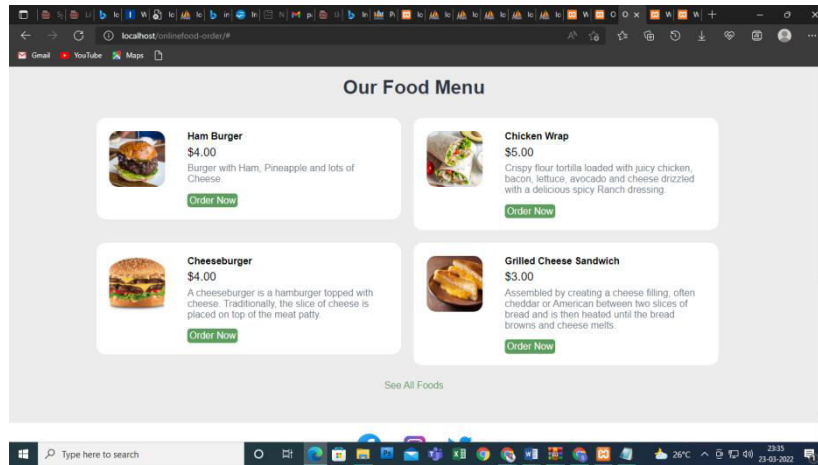
5) **Manage Admin** : through this we can manage the admin user easily like, change password,update password,delete admin.login.



S.N.	Full Name	Username	Actions
1	Steeve Moore	steeve	Change Password Update Admin Delete Admin
2	Liam Johnson	liam	Change Password Update Admin Delete Admin
3	Ramsley	ramsey	Change Password Update Admin Delete Admin
4	Administrator	admin	Change Password Update Admin Delete Admin

II. **Customer portal** : home page of customer portal here user /customer can viewing the food items and order particular one which is required.





VI. SAMPLE PSEUDO CODE

1) Check whether food id is set or not

```

<?php
    if(isset($_GET['food_id']))
    {
        //Get the Food id and details of the selected food
        $food_id = $_GET['food_id'];

        //Get the DEtails of the SElected Food
        $sql = "SELECT * FROM tbl_food WHERE id=$food_id";
        //Execute the Query
        $res = mysqli_query($conn, $sql);
        //Count the rows
        $count = mysqli_num_rows($res);
        //Check whether the data is available or not
        if($count==1)
        {
            //WE Have DATA
            //GET the Data from Database
            $row = mysqli_fetch_assoc($res);

            $title = $row['title'];
            $price = $row['price'];
            $image_name = $row['image_name'];
        }
        else
        {
            //Food not Availabe
            //REdirect to Home Page
            header('location:'.SITEURL);
        }
    }
    else
    {
        //Redirect to homepage
        header('location:'.SITEURL);
    }
?>
    
```

2) FOOD SEARCH SECTION:

```

<section class="food-search2">
    
```



```
<div class="container">
```

```
<h2 class="text-center text-white">Fill this form to confirm your order.</h2>
```

```
<form action="" method="POST" class="order">
```

```
<fieldset>
```

```
<legend>Selected Food</legend>
```

```
<div class="food-menu-img">
```

```
<?php
```

```
//Check whether the image is available or not
```

```
if($image_name=="")
```

```
{
```

```
//Image not Availabe
```

```
echo "<div class='error'>Image not Available.</div>";
```

```
}
```

```
else
```

```
{
```

```
//Image is Available
```

```
?>
```

```
<img src=""<?php echo SITEURL; ?>images/food/<?php echo $image_name; ?>" alt="Chicke
```

```
Hawain Pizza" class="img-responsive img-curve">
```

```
<?php
```

```
}
```

```
?>
```

```
3) //Check whether submit button is clicked or not
```

```
<?php
```

```
if(isset($_POST['submit']))
```

```
{
```

```
// Get all the details from the form
```

```
$food = $_POST['food'];
```

```
$price = $_POST['price'];
```

```
$qty = $_POST['qty'];
```

```
$total = $price * $qty; // total = price x qty
```

```
$order_date = date("Y-m-d h:i:sa"); //Order DATE
```

```
$status = "Ordered"; // Ordered, On Delivery, Delivered, Cancelled
```

```
$customer_name = $_POST['full-name'];
```

```
$customer_contact = $_POST['contact'];
```

```
$customer_email = $_POST['email'];
```

```
$customer_address = $_POST['address'];
```

```
//Save the Order in Databaase
```

```
//Create SQL to save the data
```

```
$sql2 = "INSERT INTO tbl_order SET
```

```
food = '$food',
```

```
price = $price,
```

```
qty = $qty,
```

```
total = $total,
```

```
order_date = '$order_date',
```

```
status = '$status',
```

```
customer_name = '$customer_name',
```

```
customer_contact = '$customer_contact',
```

```
customer_email = '$customer_email',
```

```
customer_address = '$customer_address' ";
```

```
//echo $sql2; die();
```

```
//Execute the Query
```

```
$res2 = mysqli_query($conn, $sql2);
```

```
//Check whether query executed successfully or not
```

```
if($res2==true)
{
  //Query Executed and Order Saved
  $_SESSION['order'] = "<div class='success text-center'>Food Ordered Successfully.</div>";
  header('location:'.SITEURL);
}
else
{
  //Failed to Save Order
  $_SESSION['order'] = "<div class='error text-center'>Failed to Order Food.</div>";
  header('location:'.SITEURL);
}
}
?>
```

VII. CONCLUSION

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.

Online Food Ordering system is done to help and solve one of the important problems of customer. Because Large number of customers can use the internet and phone. Various issues related to Mess/Tiffin Service will be solved by these systems. Thus, implementation of Online Food Ordering system is done to help and solve one of the important problems of customer. It helps customer in making order easily and gives information needed in making order to customer place. The Food website application made for restaurant massive one help to receiving orders.

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ISSN: 2278-3075, Volume-8 Issue-4, February 2019: E-FoodCart: An Online Food Ordering Service Shahirah Mohamed Hatim, Nur Azmina Mohamad Zamani, Lily Marlia Abdul Latif, Mahani AhmadKardri, Normah Ahmad, Norhaslinda Kamaruddin, Azham Hussain.
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