A Project Report On

GameToh Food Ordering System

Submitted in partial fulfillment of the requirement for the award of the degree

MASTER OF COMPUTER APPLICATIONS (INTEGRATED)

from

Gujarat Technological University

Academic Year 2020 – 2021

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Faculty of Computer Applications (FCA)

Certificate

This is to certify that the project work entitled

GameToh Food Ordering System

submitted in partial fulfillment of the requirement for

the award of the degree of

Master of Computer Applications (Integrated)

of the

Gujarat Technological University

is a result of the bonafide work carried out by

Akash Trivedi (175220686001)

during the academic year 2020 - 2021

Faculty Guide **HOD**

External Viva

Name of the Examiners **Signature with Date**

CERTIFICATE

(Attach the college certificate that is available at the college store)

DECLARATION

We hereby declare that this project work entitled **GameToh Food Ordering System** is a record done by us.

We also declare that the matter embodied in this project is genuine work done by us and has not been submitted whether to this University or to any other University / Institute for the fulfillment of the requirement of any course of study.

Place:

Date:

Akash Trivedi (175220686001) **Signature: _____**

7. ACKNOWLEDGEMENT

It is indeed a great pleasure to express our thanks and gratitude to all those who helped us. No serious and lasting achievement or success one can ever achieve without the help of friendly guidance and co-operation of so many people involved in the work.

We are very thankful to our guide Prof. Vivek Gondaliya and also to Prof. Dimple Chauhan for her insightful direction**. T**he person who makes us to follow the right steps during a project work. We express our deep sense of gratitude to her for her guidance, suggestions and expertise at every stage. A part from that her valuable and expertise suggestion during documentation of my report indeed help us a lot.

Thanks to our friends and colleagues who have been a source of inspiration and motivation that helped to us with new ideas during our project work.

We would heartily thankful to Head and Dean of our department **Dr. Sunil Bajeja and Dr. R. Sridaran** to give us an opportunity to work over this report and for their end-less and great support. And to all other people who directly or indirectly supported and help us to fulfil our task.

Akash Trivedi (175220686001) **Signature: _____**

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10. TABLE INDEX

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11. Synopsis

The aim of developing GameToh Food services project is to replace the traditional way, of taking orders, with computerized system. Another important reason for developing this project is to digitize the summary reports and user-friendly format at any point of time when needed.

GameToh Food services is a part of ecommerce through which we can carry-out selling, distributing, marketing for the outlet owner also providing Service over internet to remote public.

Also, for building a Food Service website we need to upload variety of cuisine online to attract potential and diverse customers. The GameToh food services gives restaurant the ability to increase sales and expand their business by giving customers the facility to order food online. With an online restaurant menu service, the customer can place orders online 24x7. Thus, it is a simple, fast and convenient food services giving an edge over the competition at an affordable price.

Internet has experienced a tremendous growth in terms of coverage and awareness. So, giving the business an online presence has become very crucial and advantageous. With GameToh Food Services, we can set up restaurant menu online and the customers can easily place order with a simple mouse click/tap. Also, with an online service we can easily track the orders, maintain customer's database and improve our food delivery service.

Customers can order food directly over internet. The restaurants can even customize online restaurant menu and upload images easily. Having restaurant menu over internet, potential customers can easily access it and place order at their convenience venue .

Also, these days women are no less than men, in any field, so, in big cities even wives are working women, therefore mostly the small families manage to have food order from somewhere as they lack time, so this service will be of great help to them also.

12. Preamble

This project is developed in order to help the people so they can reach food services 24/7, no need to go to the restaurant to buy the food. This increases the convenience for customers for food any time. Through our website customers can easily view the menu of their own choice's cuisine and can easily order/book them to eat according to their convenience.

Through our service the people can order their favorite food from remote location any time. By using this kind of service owner/customer/organization can easily track the order details, destination time and weekly cost percentage.

Customer can also provide feedback about the quality of food and delivery services, thus helping the food outlet/restaurant get better in delivering the services and improving the food quality. This will help the organization to grow further and provide better service.

2.2 Modules and Description

1. Admin
2. Manager
3. Customer

1.1Admin

- Admin will verify the details of restaurant, provided by the restaurant manager, at the time of registering.
- Admin will also add gift coupons/deals on special days.
- Admin will also review the feedback from the customers and pass them to the respected restaurant.
- Admin can also review the activity of suspected customers and if applicable can also suspend the account for some period of time.

1.2Manager

- Manager requests the admin to add their restaurant with our web service.
- Manager adds items, deletes items.

1.3Customer

- Customer logins/signup to place an order.
- Customer goes through the food items of his/her choice from the menu.
- Customer also gets the facility of multi cuisine to choose from.
- Customer can also avail the benefits of the coupons.
- Customer gives the feedback of the food service provided to him/her by that restaurant.

13. Technical Description

3.1 Hardware Requirement

Requirements	Quantity
Ram	2GB or more
Processor	Intel i3 or more
Storage required	HDD 10Gb

Table 3.1

3.2 Software Requirement

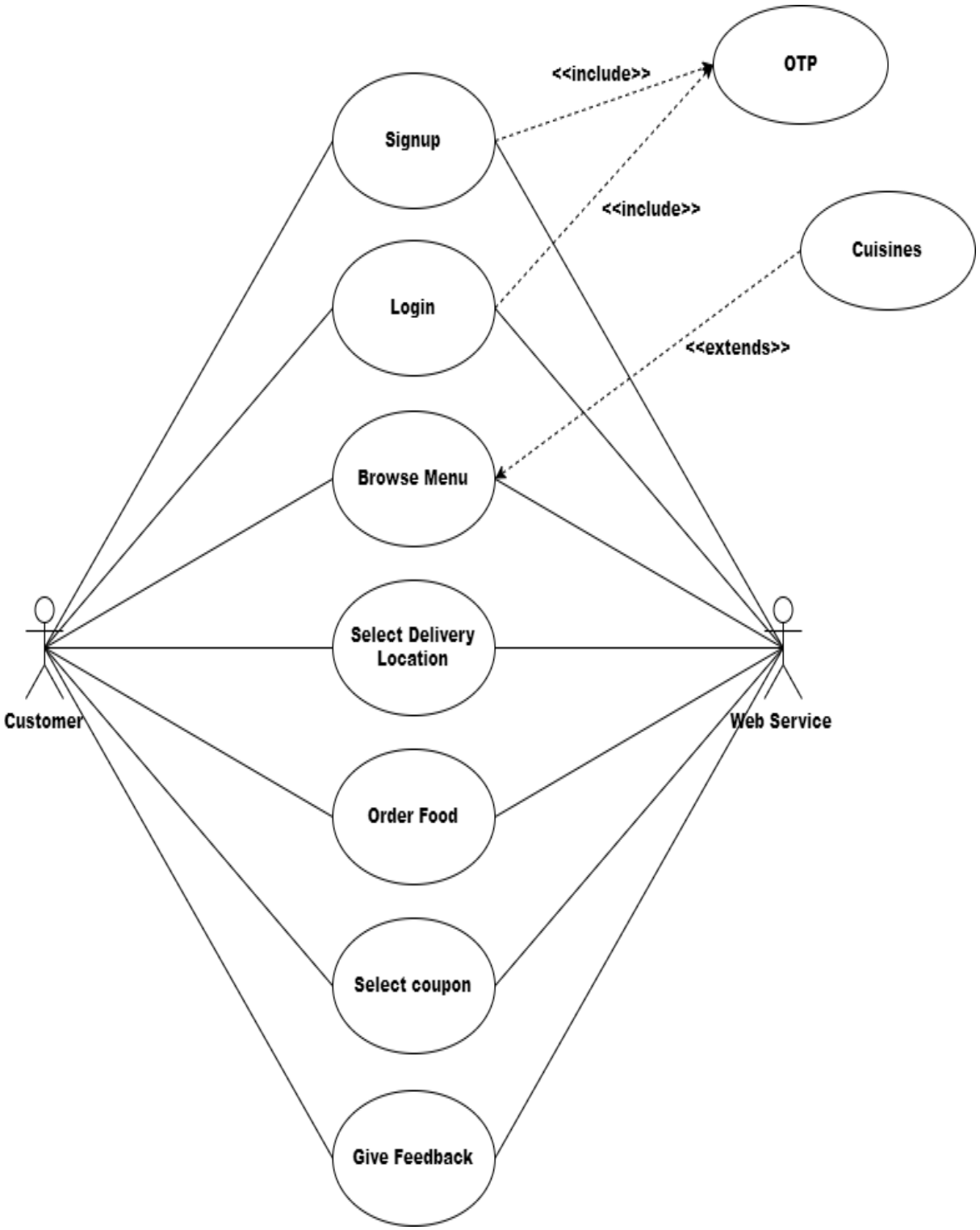
OS	Microsoft Windows 7 or more
Browser	Mozilla Firefox / Google Chrome / Microsoft Edge
Editor	Visual Studio Code
Versions	PHP 7.3.1, phpMyAdmin 4.9.1, Apache 2.4.41

Table 3.2

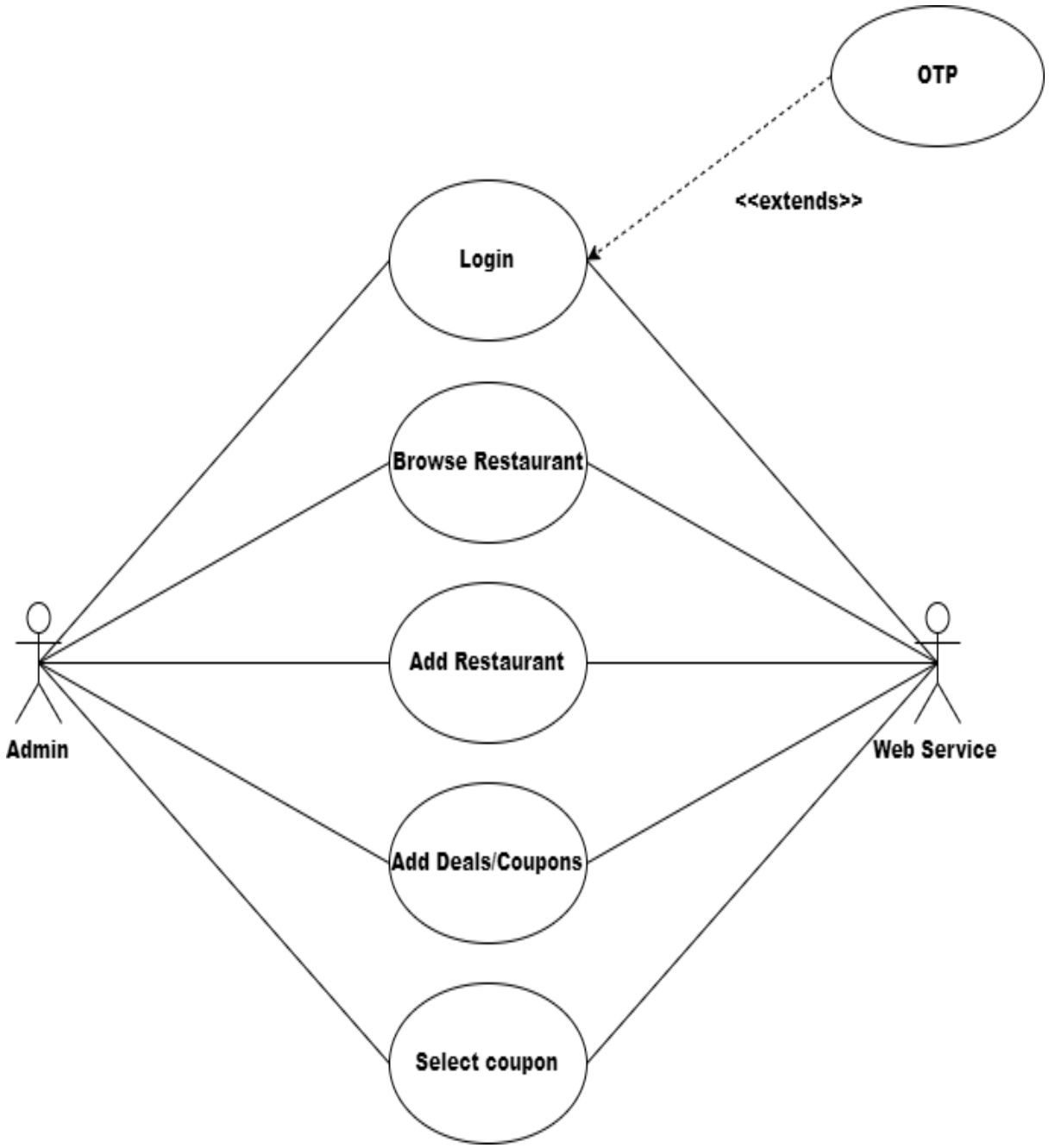
14. System Design and Development

4.1 Use Case Diagram

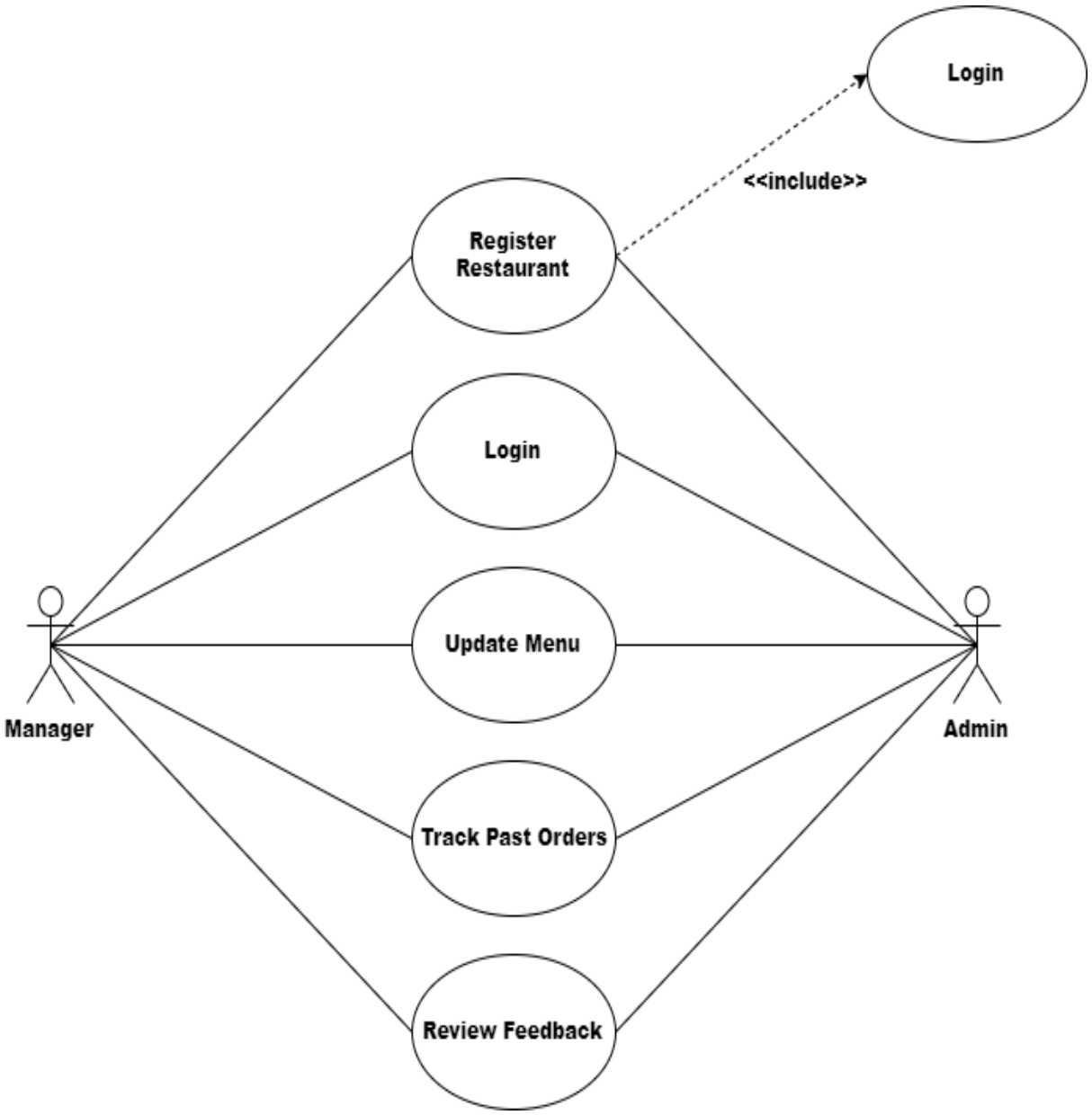
4.1.1 Customer



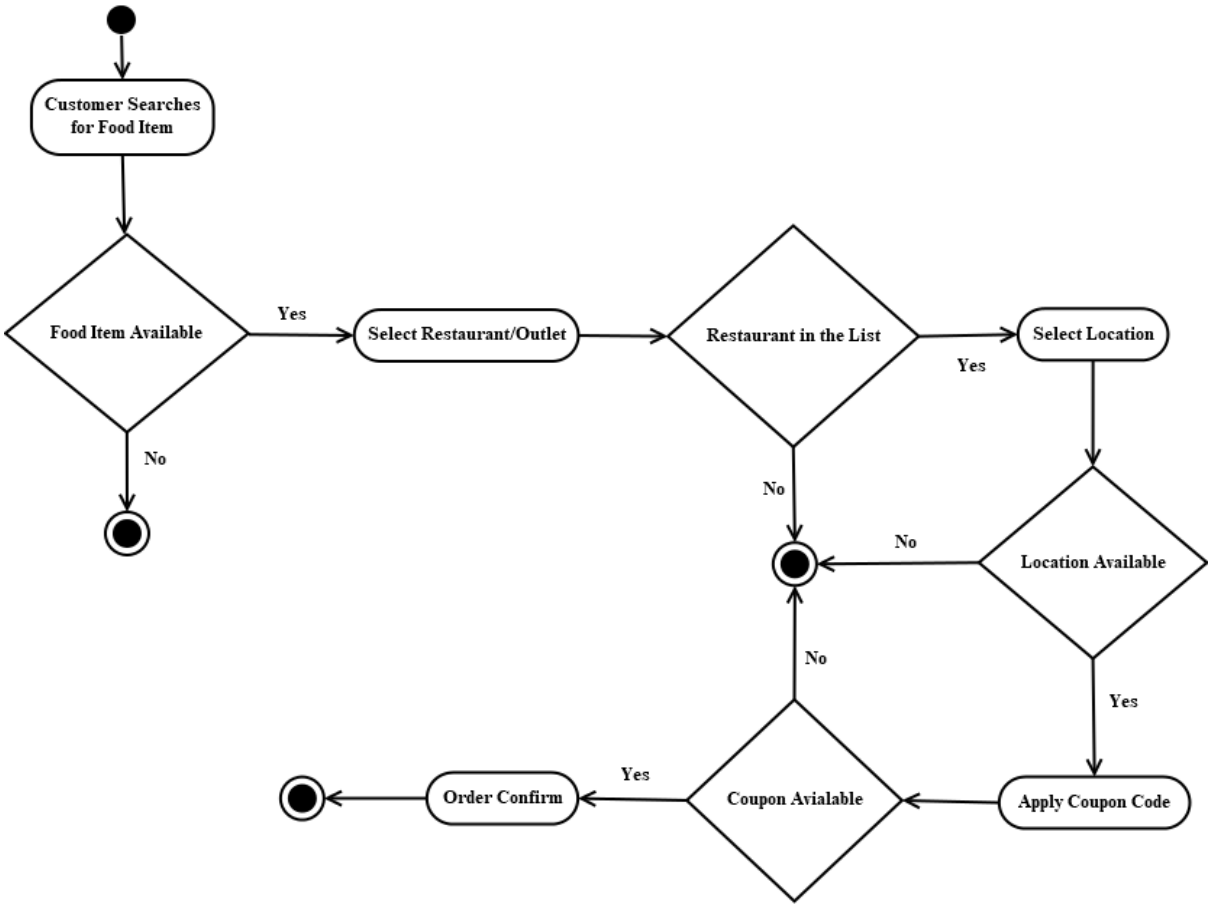
4.1.2 Admin


OTP
<<extends>>
Login
Browse Restaurant
Add Restaurant
Add Deals/Coupons
Select coupon
Admin
Web Service

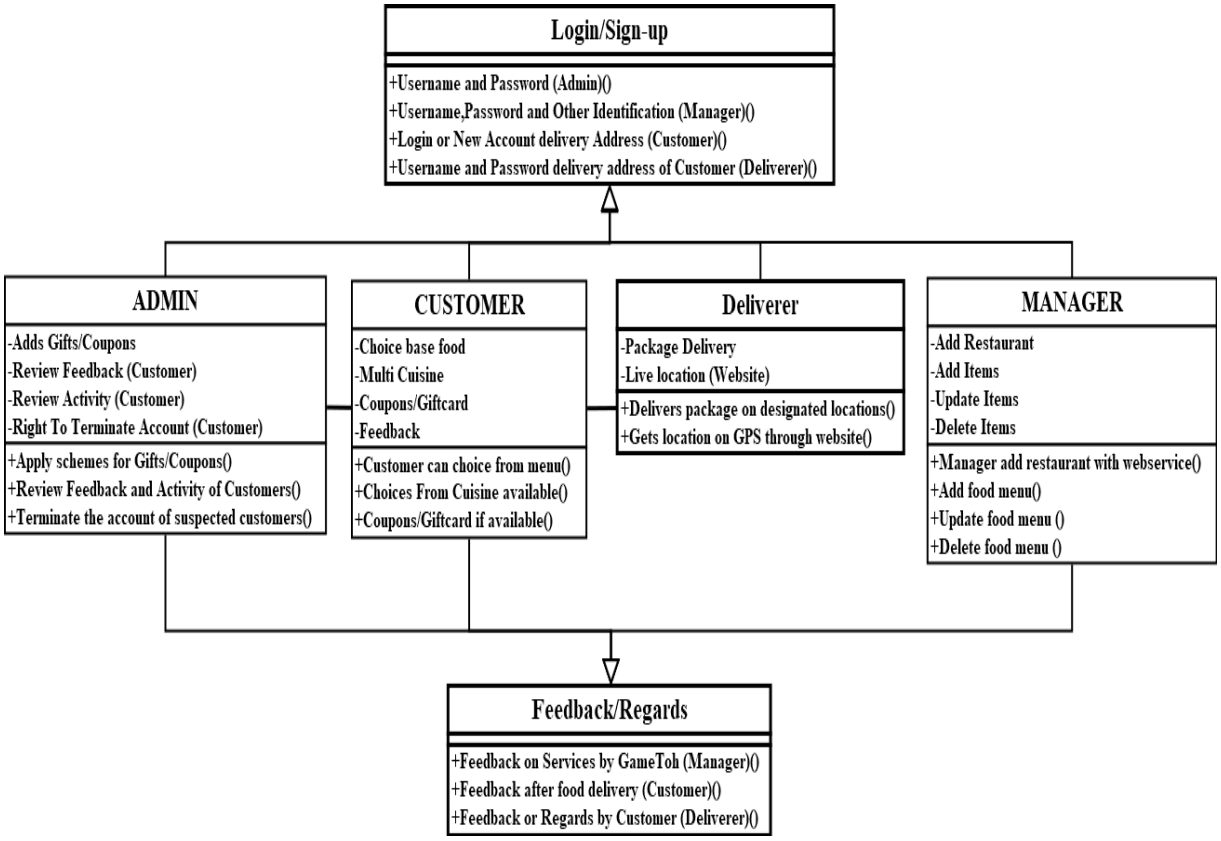
4.1.3 Manager


Login
<<include>>
Register Restaurant
Login
Update Menu
Track Past Orders
Review Feedback
Manager
Admin

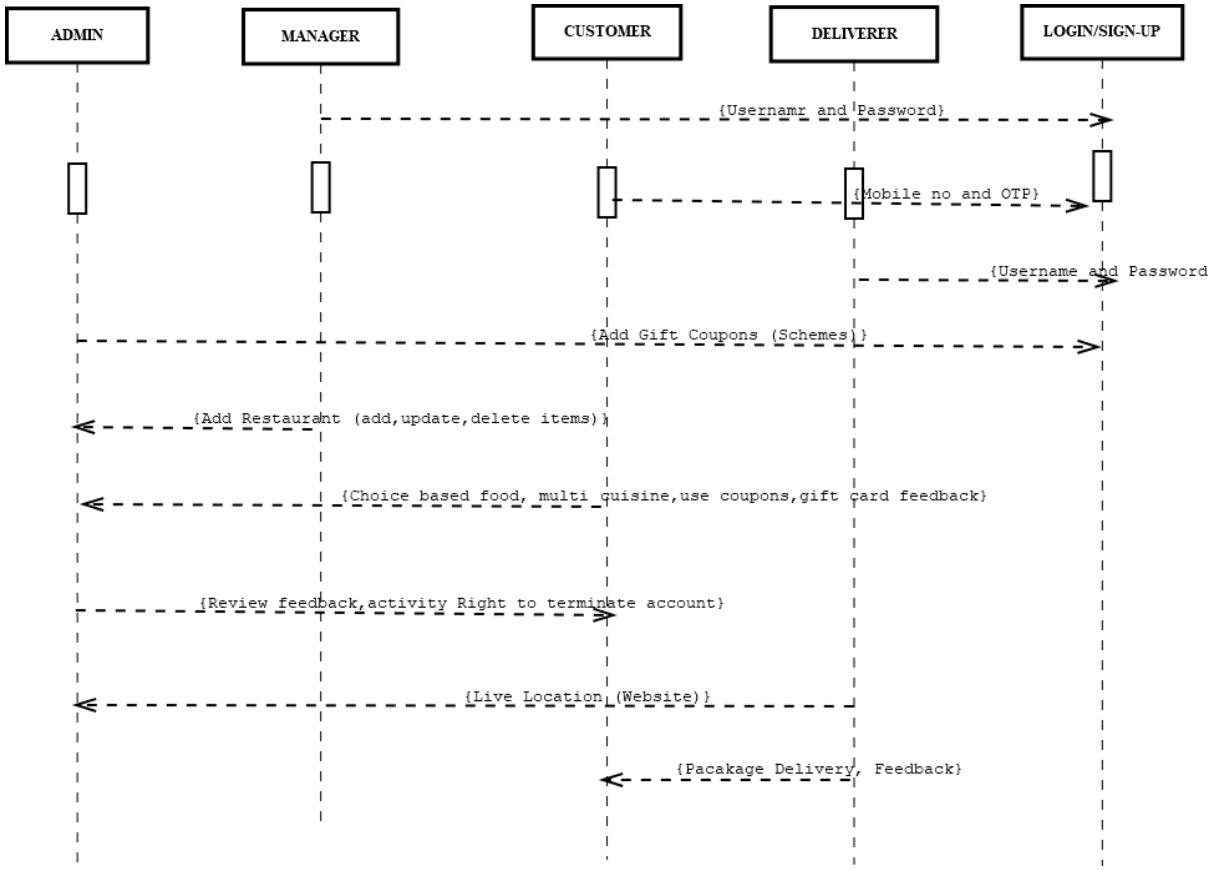
4.2 Activity Diagram



4.3 Class Diagram



4.4 Interaction Diagram



4.5 Data Dictionary Diagram

4.5.1 Customer Data Dictionary Diagram:

Field Name	Data Types	Data Formats	Field Size	Description	Example
cust_id	Number	NNNNN	5	Unique identification of customer	14665
First_name	Text		20	User's first name	Jason
Second_name	Text		20	User's second name	Bourne
Contact	Text		10	User's contact info	9856985632
Gender	Text		6	User's gender	Male
State	Text		50	User's resident state	Gujarat
city	Text		50	User's resident city	Rajkot
pincode	Number		6	User's Area Code	360005

4.5.2 Restaurant Data Dictionary Diagram

Field Name	Data Types	Data Formats	Field Size	Description	Example
inn_id	Number	NNNNN	5	Unique identification of Manager	14665
Owner_First_name	Text		20	Manager 's first name	Jason
Owner_Second_name	Text		20	Manager 's second name	Bourne
Owner_Contact	Text		10	Manager 's contact info	9856985632
Road	Text		6	Restaurant's Exact Road	Dr. Yagnik Road
State	Text		50	Manager 's resident state	Gujarat
city	Text		50	Manager 's resident city	Rajkot
pincode	Number		6	Manager 's Area Code	360005

5 System Testing

5.1 Login

Page	Login
Description	It is a common login page which lets user enter in
Input	Username and Password
Output	Successful Login

5.2 Homepage

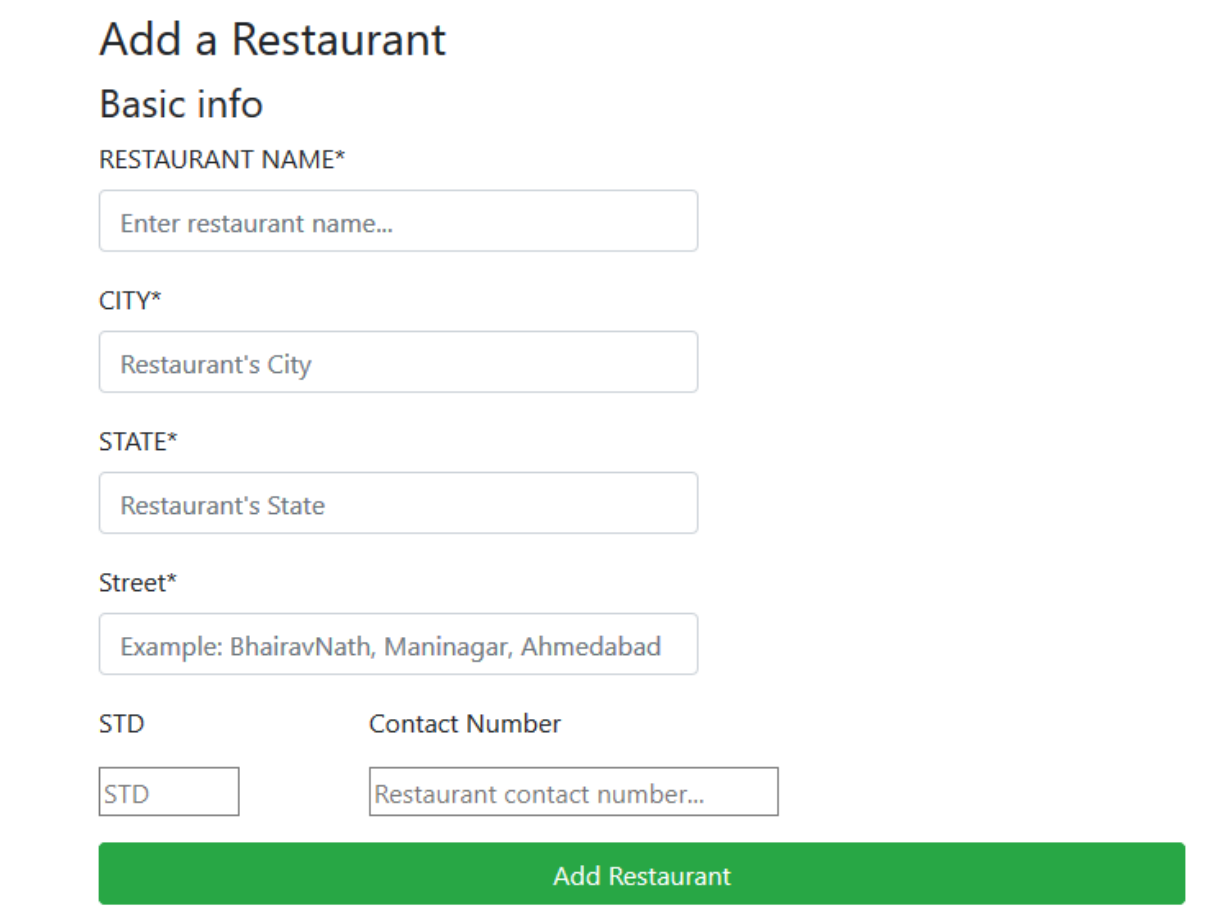
Page	Homepage
Description	Users can view hotels and place their food order
Input	Select food items from menu available
Output	Placing Order

5.3 Admin Controls

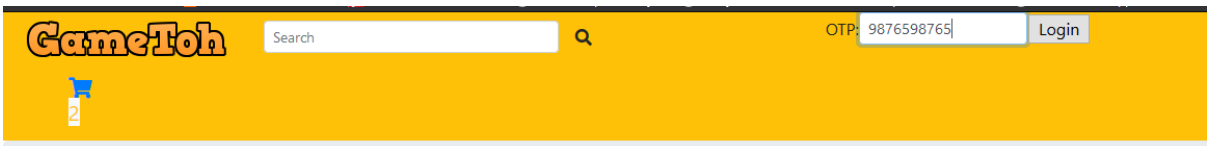
Page	Admin Login
Description	System admin can view restaurants, verify new ones, view customers, view monthly sales etc.
Input	Admin credentials
Output	Admin Dashboard

15. Screenshots

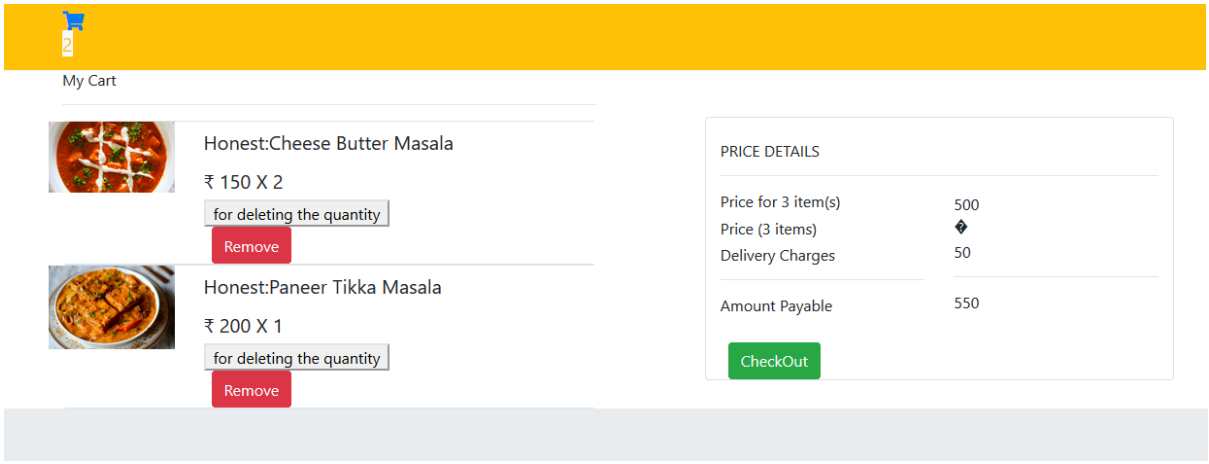
6.1 List new restaurant on the website



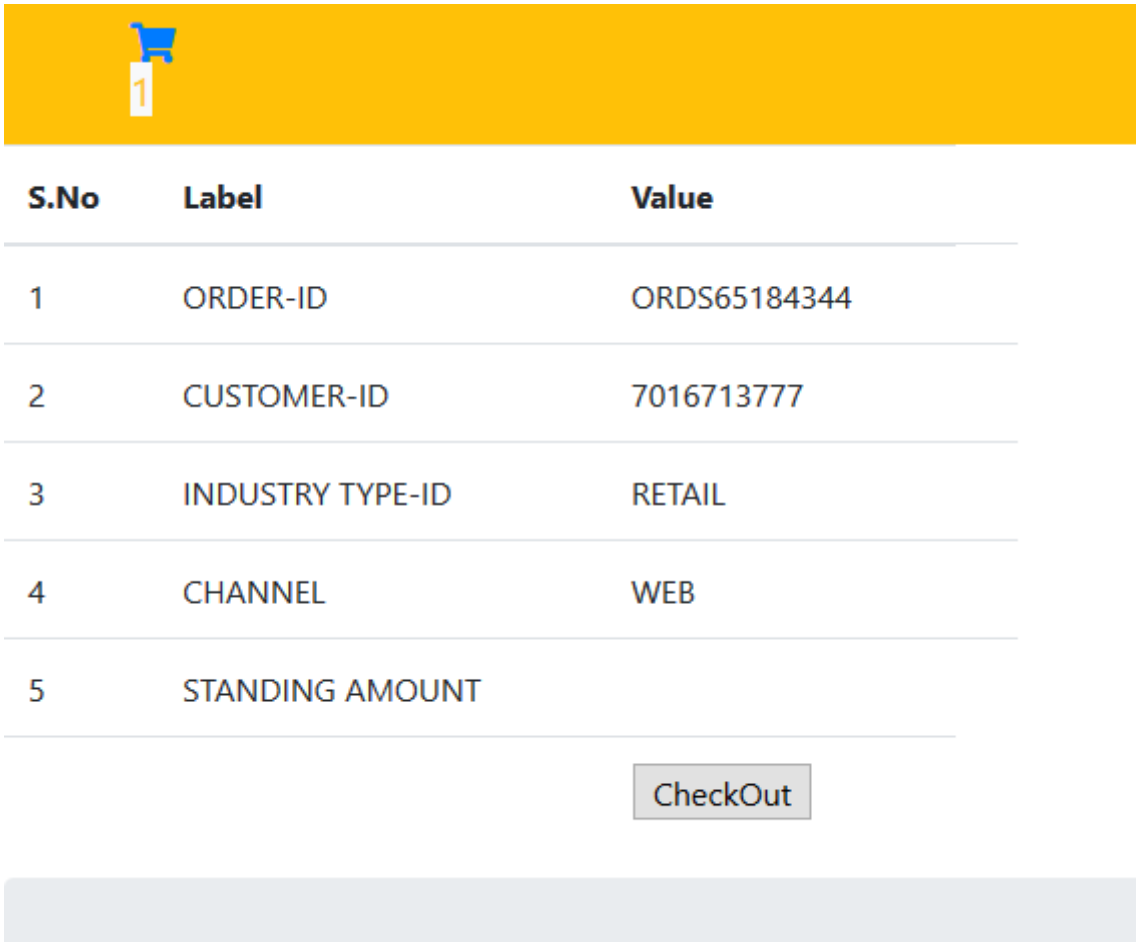
6.2 Customer Login and Search Restaurants



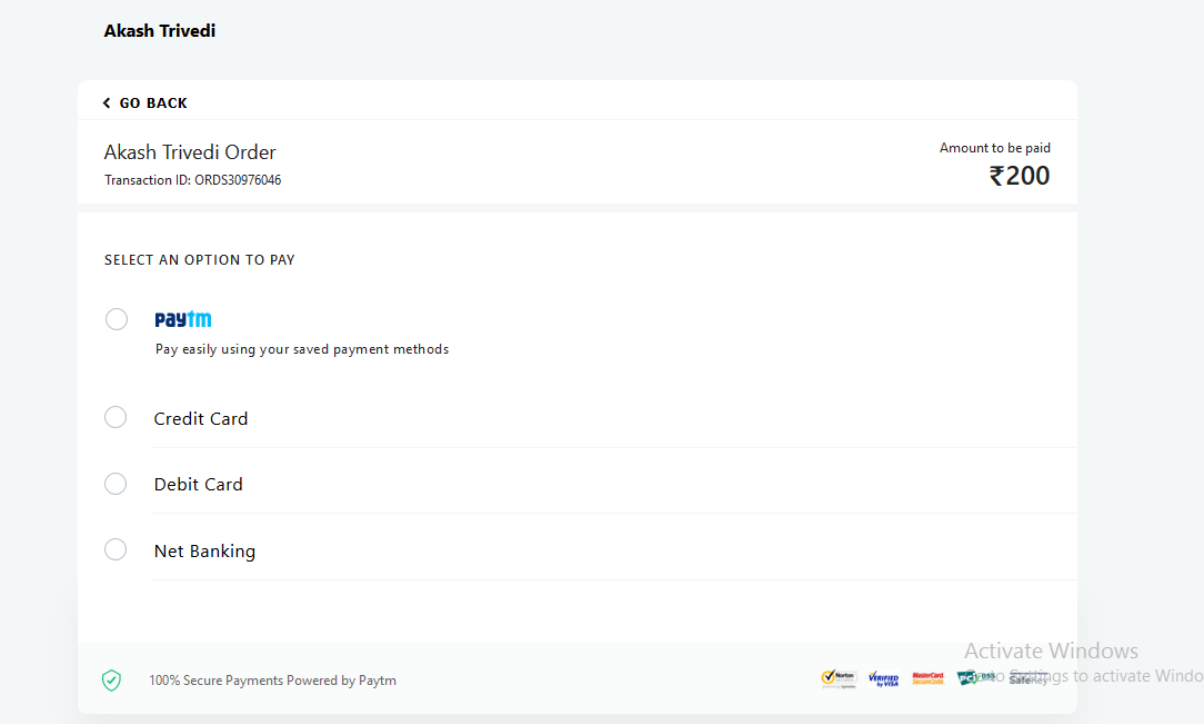
6.3 Add to cart



6.4 Checkout

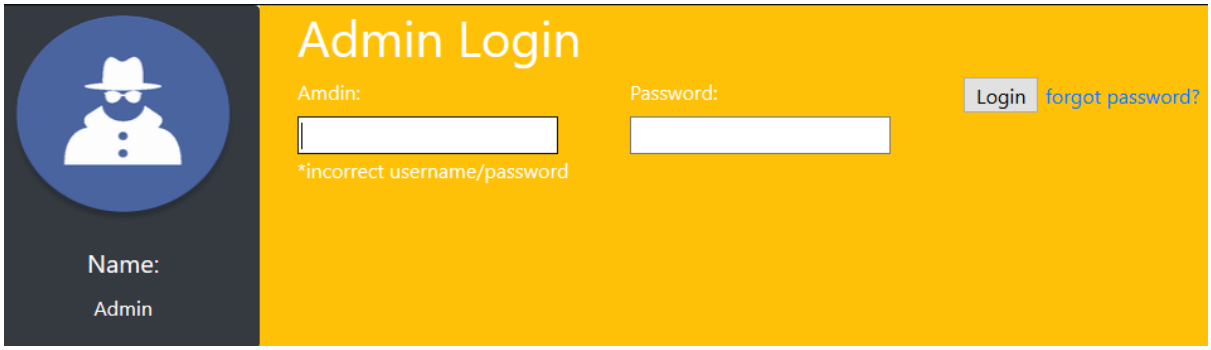


6.5 Redirecting to payment



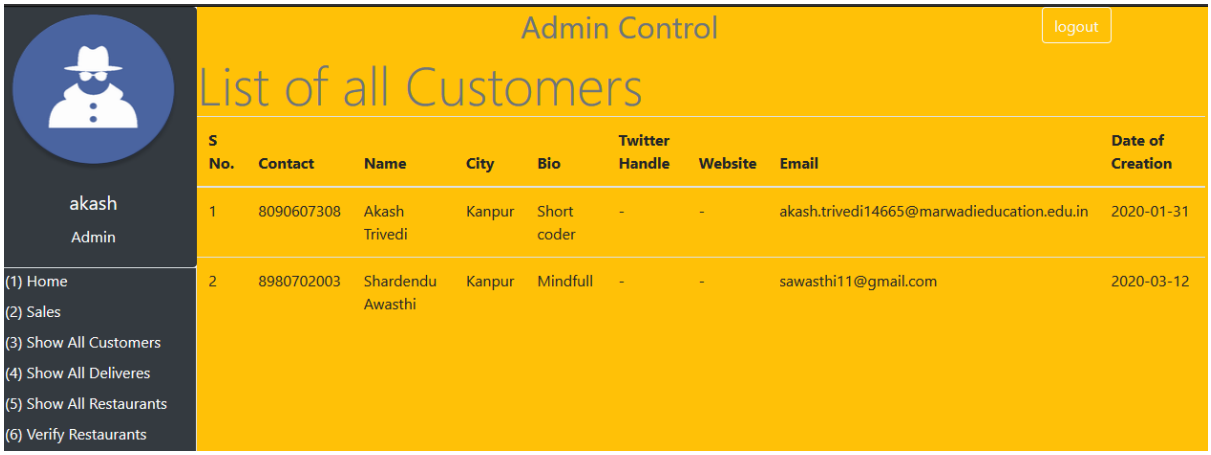
6.6 Admin Side

6.6.1 Admin Login

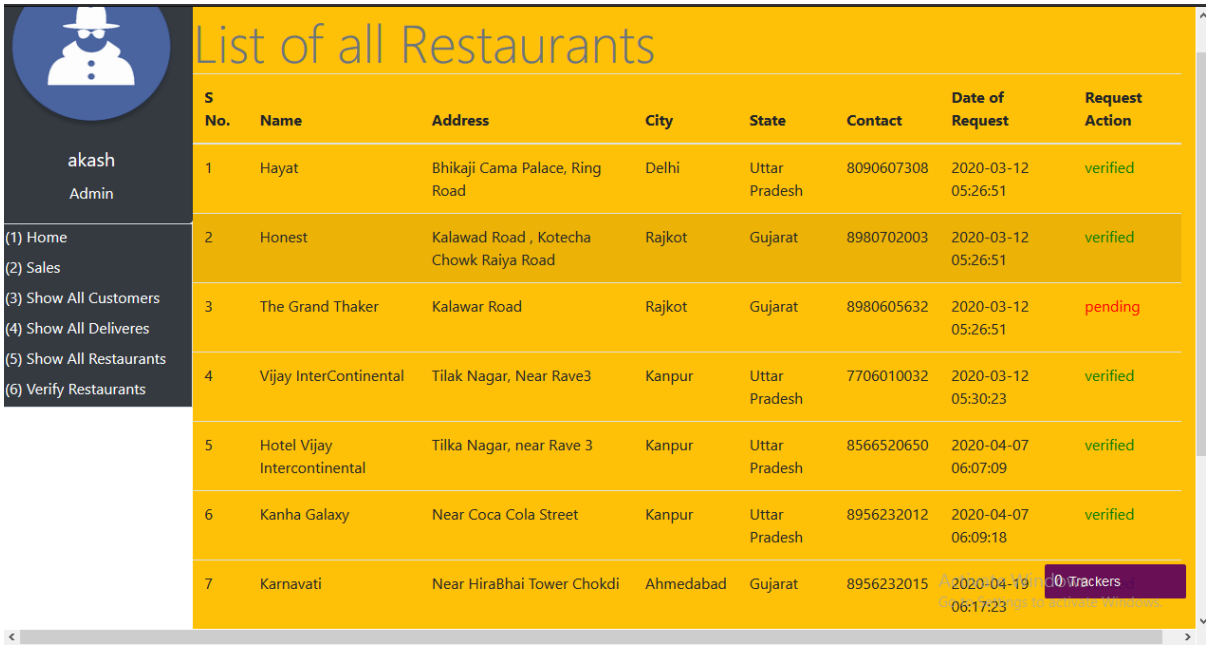


6.6.2 Monthly Sales

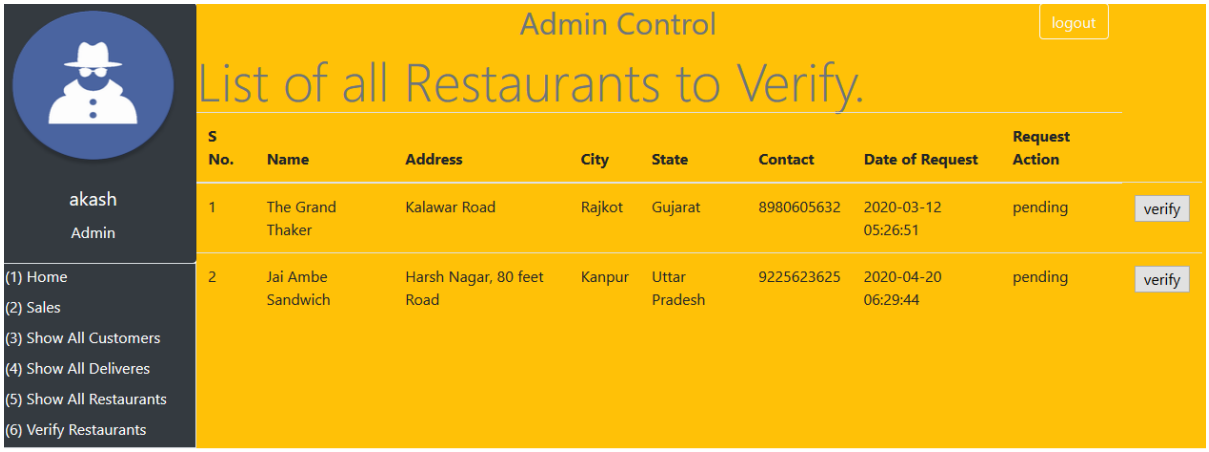
6.6.3 List customers



6.6.4 List restaurants



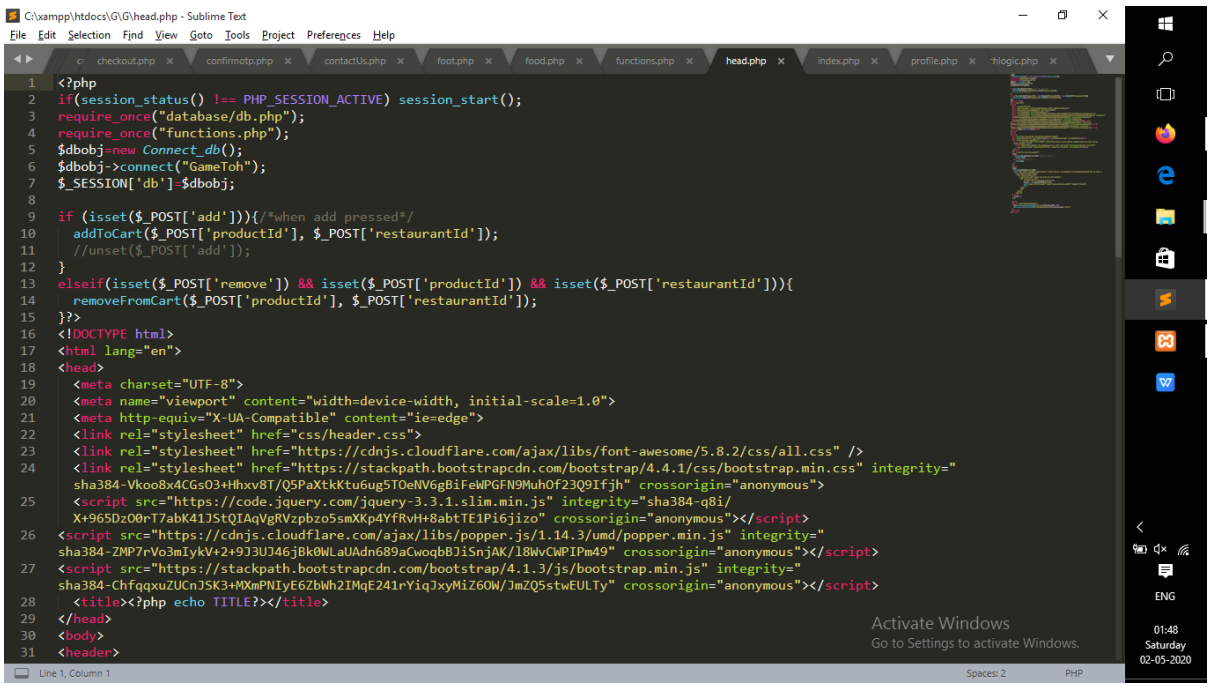
6.6.5 Verify new restaurants



16. Source-Code

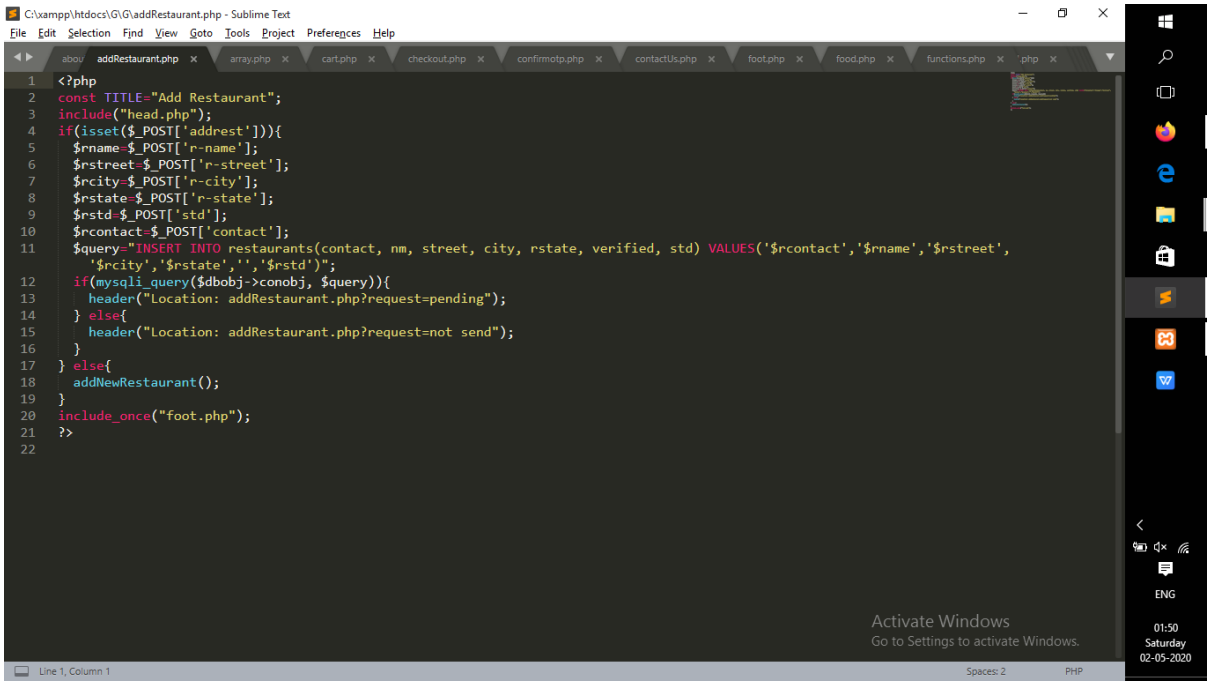
PHP

Head.php



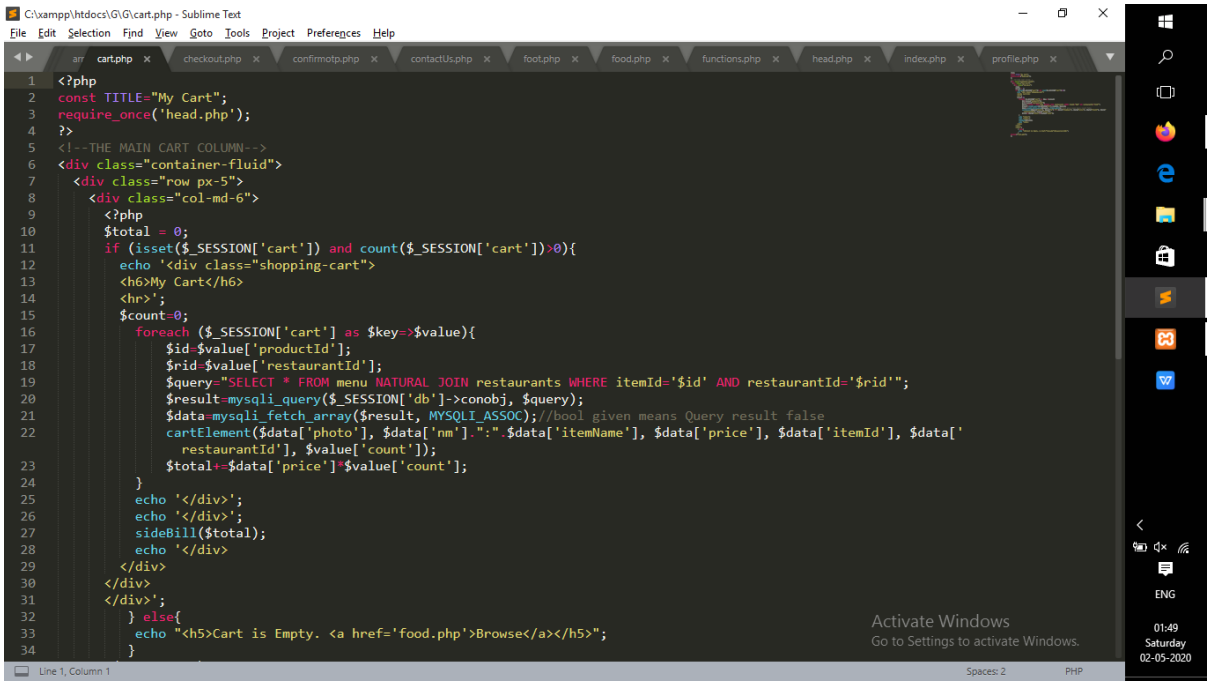
```
<?php
if(session_status() !== PHP_SESSION_ACTIVE) session_start();
require_once("database/db.php");
require_once("functions.php");
$dbobj=new Connect_db();
$dbobj->connect("GameToh");
$_SESSION['db']=$dbobj;

if (isset($_POST['add'])){/*when add pressed*/
  addToCart($_POST['productId'], $_POST['restaurantId']);
  //unset($_POST['add']);
}
elseif(isset($_POST['remove']) && isset($_POST['productId']) && isset($_POST['restaurantId'])){
  removeFromCart($_POST['productId'], $_POST['restaurantId']);
}?>
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <link rel="stylesheet" href="css/header.css">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.8.2/css/all.css" />
  <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css" integrity="
  sha384-Vkoo8x4CGsO3+Hhxv8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q9Ifjh" crossorigin="anonymous">
  <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/
  X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.3/umd/popper.min.js" integrity="
sha384-ZMP7rVo3mIykV+2+9J3UJ46jBk0WLaUAdn689aCwoqbBJiSnjAK/l8WvCWPIPm49" crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/js/bootstrap.min.js" integrity="
sha384-ChfqqxuZUCnJSK3+MXmPNIyE6ZbWh2IMqE241rYiqJxyMiZ6OW/JmZQ5stwEULTy" crossorigin="anonymous"></script>
  <title><?php echo TITLE?></title>
</head>
<body>
<header>
```

Add_Restaurant.php



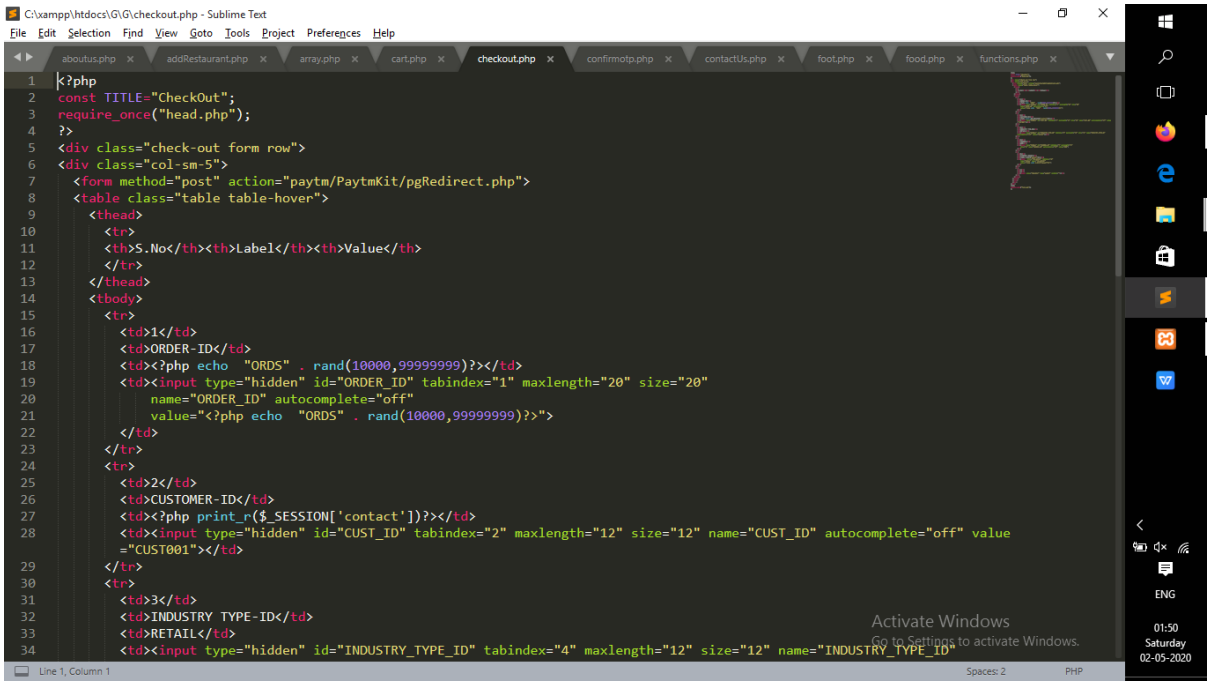
```
<?php
const TITLE="Add Restaurant";
include("head.php");
if(isset($_POST['addrest'])){
  $rname=$_POST['r-name'];
  $rstreet=$_POST['r-street'];
  $rcity=$_POST['r-city'];
  $rstate=$_POST['r-state'];
  $rstd=$_POST['std'];
  $rcontact=$_POST['contact'];
  $query="INSERT INTO restaurants(contact, nm, street, city, rstate, verified, std) VALUES('$rcontact','$rname','$rstreet',
    '$rcity','$rstate','','$rstd')";
  if(mysqli_query($dbobj->conobj, $query)){
    header("Location: addRestaurant.php?request=pending");
  } else{
    header("Location: addRestaurant.php?request=not send");
  }
} else{
  addNewRestaurant();
}
include_once("foot.php");
?>
```

Cart.php



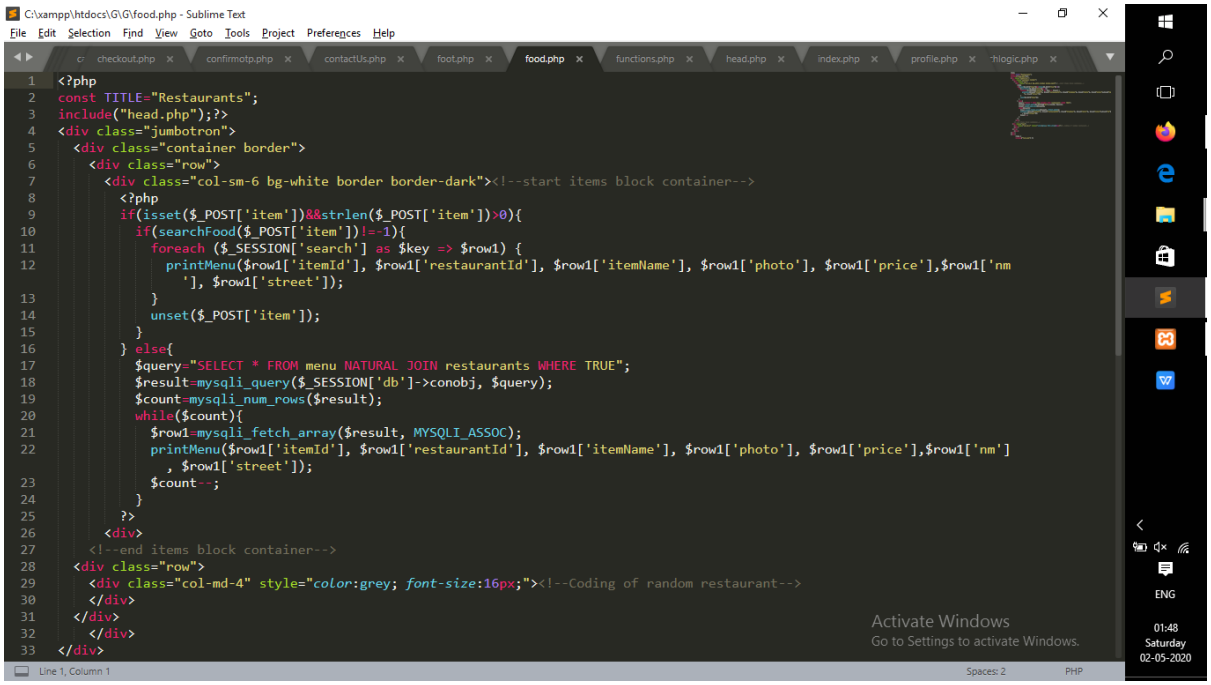
```
<?php
const TITLE="My Cart";
require_once('head.php');
?>
<!--THE MAIN CART COLUMN-->
<div class="container-fluid">
  <div class="row px-5">
    <div class="col-md-6">
      <?php
      $total = 0;
      if (isset($_SESSION['cart']) and count($_SESSION['cart'])>0){
        echo '<div class="shopping-cart">
        <h6>My Cart</h6>
        <hr>';
        $count=0;
          foreach ($_SESSION['cart'] as $key=>$value){
              $id=$value['productId'];
              $rid=$value['restaurantId'];
              $query="SELECT * FROM menu NATURAL JOIN restaurants WHERE itemId='$id' AND restaurantId='$rid'";
              $result=mysqli_query($_SESSION['db']->conobj, $query);
              $data=mysqli_fetch_array($result, MYSQLI_ASSOC);//bool given means Query result false
              cartElement($data['photo'], $data['nm'].":".$data['itemName'], $data['price'], $data['itemId'], $data['
                restaurantId'], $value['count']);
              $total+=$data['price']*$value['count'];
          }
        echo '</div>';
        echo '</div>';
        sideBill($total);
        echo '</div>
      </div>
      </div>';
        } else{
         echo "<h5>Cart is Empty. <a href='food.php'>Browse</a></h5>";
        }
```

Checkout.php



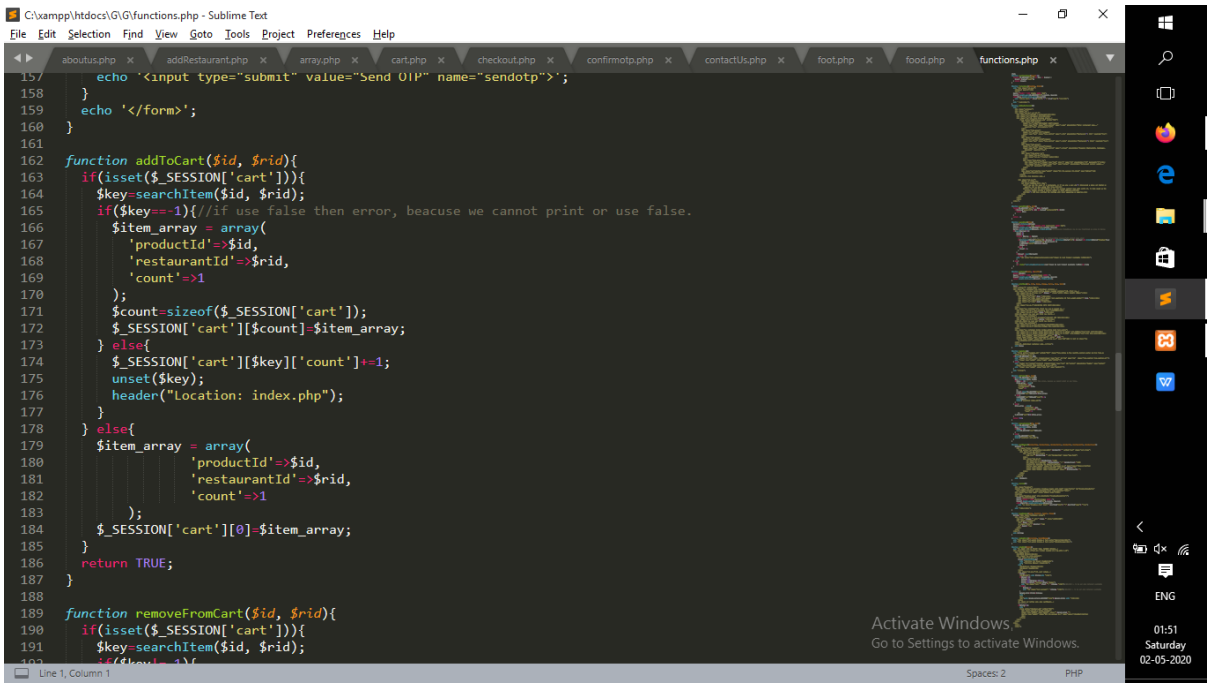
```
<?php
const TITLE="CheckOut";
require_once("head.php");
?>
<div class="check-out form row">
<div class="col-sm-5">
  <form method="post" action="paytm/PaytmKit/pgRedirect.php">
  <table class="table table-hover">
    <thead>
      <tr>
      <th>S.No</th><th>Label</th><th>Value</th>
      </tr>
    </thead>
    <tbody>
      <tr>
        <td>1</td>
        <td>ORDER-ID</td>
        <td><?php echo  "ORDS" . rand(10000,99999999)?></td>
        <td><input type="hidden" id="ORDER_ID" tabindex="1" maxlength="20" size="20"
            name="ORDER_ID" autocomplete="off"
            value="<?php echo  "ORDS" . rand(10000,99999999)?>">
        </td>
      </tr>
      <tr>
        <td>2</td>
        <td>CUSTOMER-ID</td>
        <td><?php print_r($_SESSION['contact'])?></td>
        <td><input type="hidden" id="CUST_ID" tabindex="2" maxlength="12" size="12" name="CUST_ID" autocomplete="off" value
        ="CUST001"></td>
      </tr>
      <tr>
        <td>3</td>
        <td>INDUSTRY TYPE-ID</td>
        <td>RETAIL</td>
        <td><input type="hidden" id="INDUSTRY_TYPE_ID" tabindex="4" maxlength="12" size="12" name="INDUSTRY_TYPE_ID"
```

Food.php



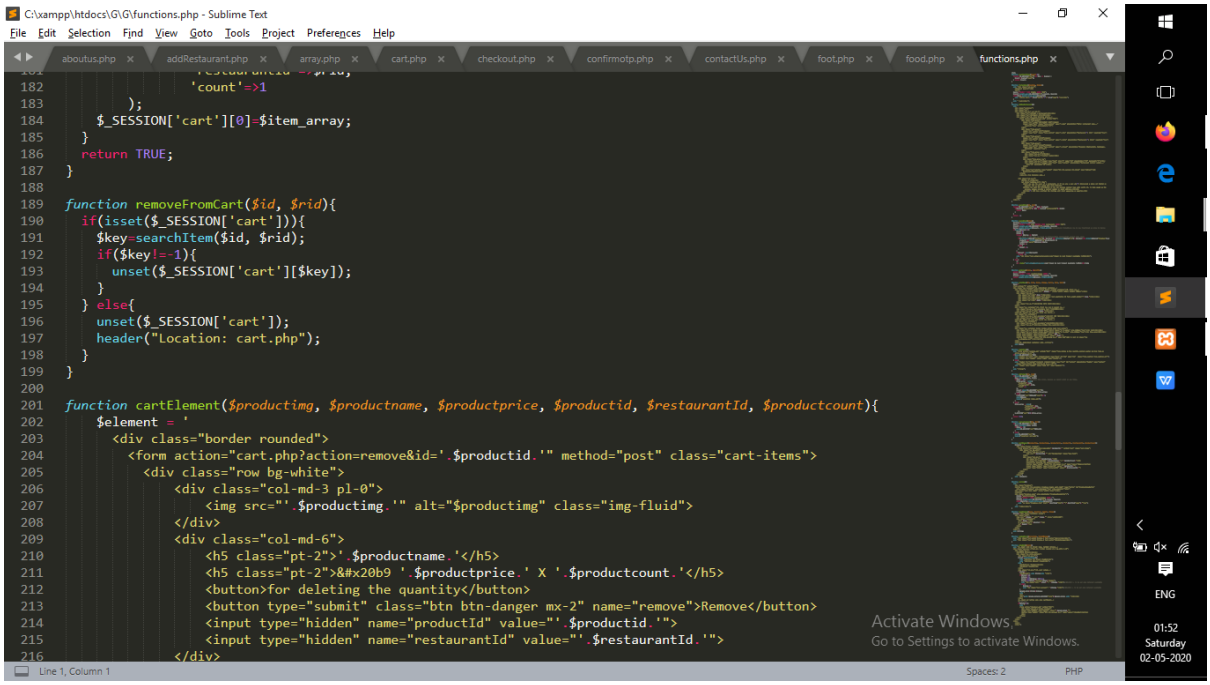
```
<?php
const TITLE="Restaurants";
include("head.php");?>
<div class="jumbotron">
  <div class="container border">
    <div class="row">
      <div class="col-sm-6 bg-white border border-dark"><!--start items block container-->
        <?php
        if(isset($_POST['item'])&&strlen($_POST['item'])>0){
          if(searchFood($_POST['item'])!=-1){
            foreach ($_SESSION['search'] as $key => $row1) {
              printMenu($row1['itemId'], $row1['restaurantId'], $row1['itemName'], $row1['photo'], $row1['price'],$row1['nm
                '], $row1['street']);
            }
            unset($_POST['item']);
          }
        } else{
          $query="SELECT * FROM menu NATURAL JOIN restaurants WHERE TRUE";
          $result=mysqli_query($_SESSION['db']->conobj, $query);
          $count=mysqli_num_rows($result);
          while($count){
            $row1=mysqli_fetch_array($result, MYSQLI_ASSOC);
            printMenu($row1['itemId'], $row1['restaurantId'], $row1['itemName'], $row1['photo'], $row1['price'],$row1['nm']
              , $row1['street']);
            $count--;
          }
        ?>
      <div>
    <!--end items block container-->
  <div class="row">
    <div class="col-md-4" style="color:grey; font-size:16px;"><!--Coding of random restaurant-->
    </div>
  </div>
    </div>
</div>
```

Add-To-Cart.php

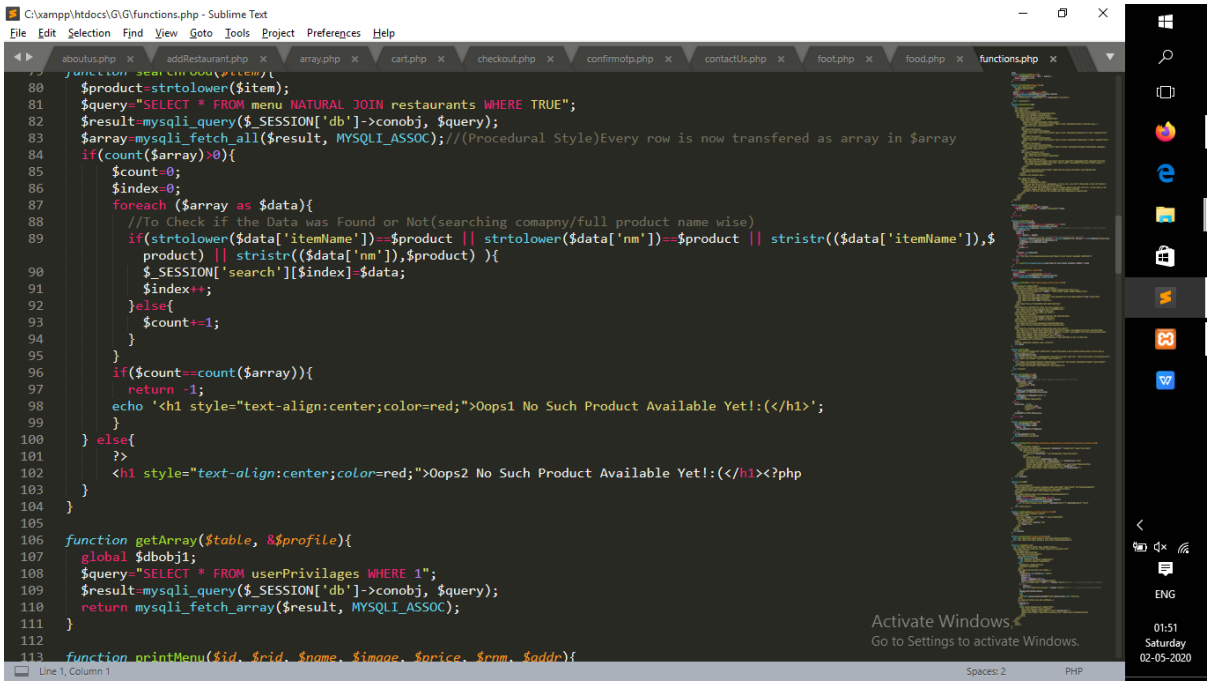


```
    echo '<input type="submit" value="Send OTP" name="sendotp">';
  }
  echo '</form>';
}

function addToCart($id, $rid){
  if(isset($_SESSION['cart'])){
    $key=searchItem($id, $rid);
    if($key==-1){//if use false then error, beacuse we cannot print or use false.
      $item_array = array(
        'productId'=>$id,
        'restaurantId'=>$rid,
        'count'=>1
      );
      $count=sizeof($_SESSION['cart']);
      $_SESSION['cart'][$count]=$item_array;
    } else{
      $_SESSION['cart'][$key]['count']+=1;
      unset($key);
      header("Location: index.php");
    }
  } else{
    $item_array = array(
                'productId'=>$id,
                'restaurantId'=>$rid,
                'count'=>1
        );
    $_SESSION['cart'][0]=$item_array;
  }
  return TRUE;
}

function removeFromCart($id, $rid){
  if(isset($_SESSION['cart'])){
    $key=searchItem($id, $rid);
```

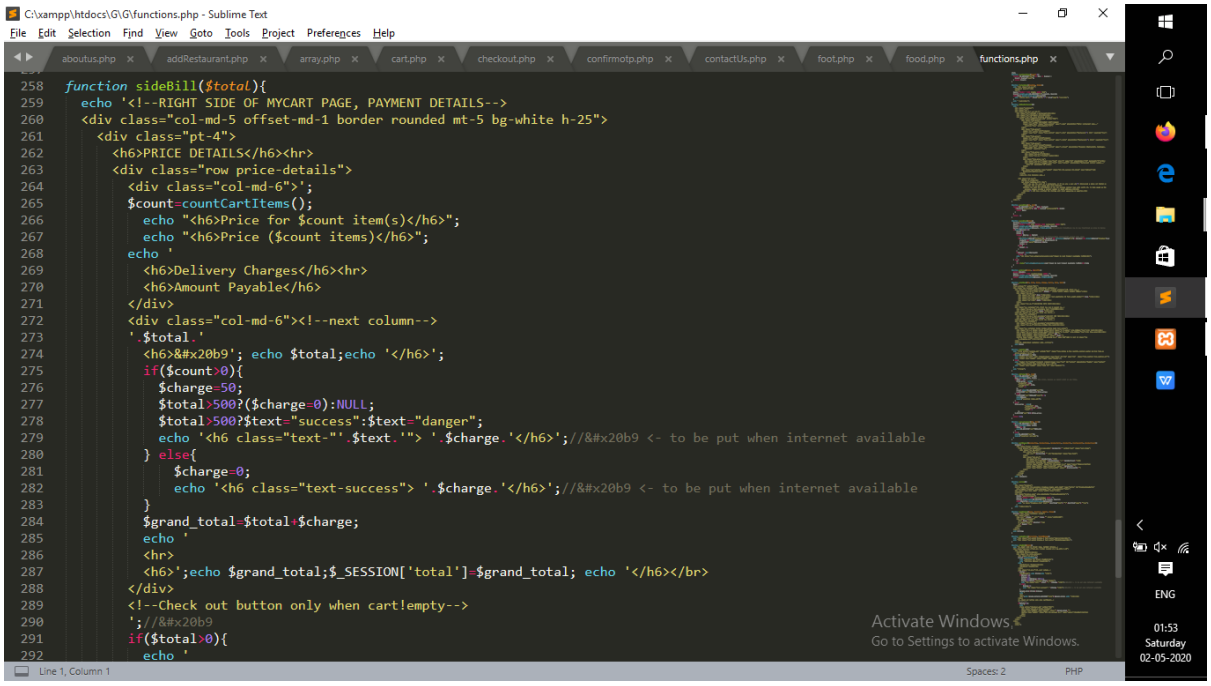
Remove-From-Cart.php



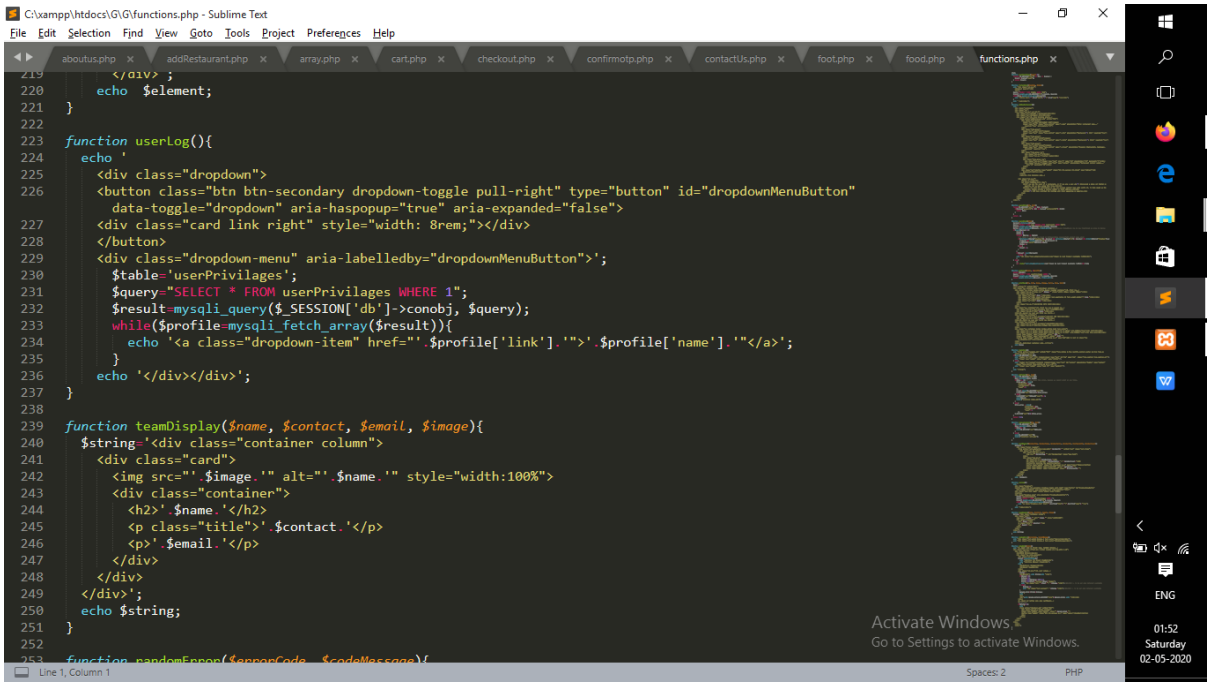
Search-Food.php


C:\xampp\htdocs\G\G\functions.php - Sublime Text
File Edit Selection Find View Goto Tools Project Preferences Help
aboutus.php
addRestaurant.php
array.php
cart.php
checkout.php
confirmotp.php
contactUs.php
foot.php
food.php
functions.php
$product=strtolower($item);
$query="SELECT * FROM menu NATURAL JOIN restaurants WHERE TRUE";
$result=mysqli_query($_SESSION['db']->conobj, $query);
$array=mysqli_fetch_all($result, MYSQLI_ASSOC);//(Procedural Style)Every row is now transfered as array in $array
if(count($array)>0){
$count=0;
$index=0;
foreach ($array as $data){
//To Check if the Data was Found or Not(searching comapny/full product name wise)
if(strtolower($data['itemName'])==$product || strtolower($data['nm'])==$product || stristr(($data['itemName']),$
product) || stristr(($data['nm']),$product)){
$_SESSION['search'][$index]=$data;
$index++;
}else{
$count+=1;
}
}
if($count==count($array)){
return -1;
echo '<h1 style="text-align:center;color=red;">Oops1 No Such Product Available Yet!:(</h1>';
}
} else{
?>
<h1 style="text-align:center;color=red;">Oops2 No Such Product Available Yet!:(</h1><?php
}
}
function getArray($table, &$profile){
global $dbobj1;
$query="SELECT * FROM userPrivilages WHERE 1";
$result=mysqli_query($_SESSION['db']->conobj, $query);
return mysqli_fetch_array($result, MYSQLI_ASSOC);
}
function printMenu($id, $rid, $name, $image, $price, $rnm, $addr){
Activate Windows
Go to Settings to activate Windows.
Line 1, Column 1
Spaces: 2
PHP
ENG
01:51
Saturday
02-05-2020

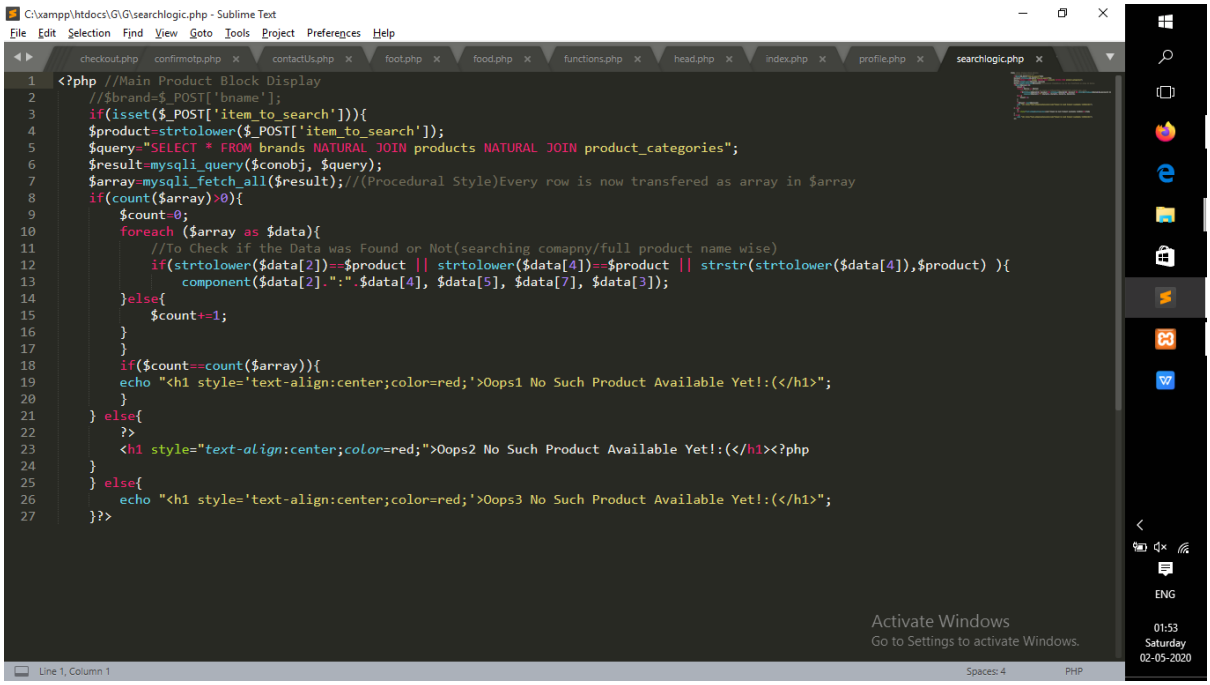
Billing.php



UserLogs.php



Search-Logic.php



8. CONCLUSION

At the end of our project we are conclude that our project is error free and all the modules run successfully and all its operation are perfectly performing its Corresponding work.

Also, we mentioned that our project is used for using our food delivery service related to Edible Items only. We in future are trying to reach out every Person’s need and add as many restaurants we can reach.

We want to grow this Network around India and Provide India a better and fast at home service.

Online Food Ordering system is developed on the basis of user's requirements. This system is based on solving one of the common problems of everyday life. It gives information needed in making food orders.

Customers can order any food as per their convenience. The system made for restaurant can help receiving orders and modifying its data. Also, admin has control over the system. With online food ordering system, a restaurant can upload their menu online and customers can easily place order. Orders can be tracked easily. Food delivery service can be improved as maintenance of customer's database is done. The restaurants can even customize online restaurant menu.

Potential customers can easily access menu and place order. Hence, an automated food ordering system is presented with features of wireless communication. As more and more people are migrating to urban cities, they can avail this benefit of food services at any period of time. As food are brought to the doorstep, the unnecessary transportation will be reduced and thereby pollution will be decreased.

9. BIBLIOGRAPHY

9.1 ONLINE REFERENCES

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- https://www.w3schools.org/html
- https://www.w3schools.org/php
- https://www.w3schools.org/bootstrap
- https://www.php.net

9.2 OFFLINE REFERENCES

- HTML Black Book
- Teach Yourself Php
- JavaScript Cook Book