1. INTRODUCTION:

As the internet is growing fast and large group of people have access to the internet, people started looking through internet instead of visiting places directly and started taking help of the internet to look for places to eat.

1.1. Purpose:

Our Website is the perfect help for people in need who want to look for places to eat in an unknown place. It creates a sense of relief when you are in a strange place and all you want is a good place to eat! All you got to do is open the page and click on search nearby restaurants and Eureka! You get the restaurant within seconds!

The proposed Online Restaurant Search System is designed keeping both customer and restaurant in the mind so that customers can look for restaurants online and place order with the help of interacting menu in the future. It is an Online Restaurant Search System, a comprehensive Restaurant Application which allows customers to look for places online as well as helps restaurants to manage their menus and their new dishes. The system employs the latest, state-of-the-art technology and operates under a local network, combined with external Intranet and Internet networks.

1.2. Scope:

Due to the great increase in the awareness of internet and the technologies associated with it, several opportunities are coming up on the web. So many businesses and companies now venture into their business with ease because of the internet. One of such business that the internet introduced is an online restaurant search system.

1.3. Application Design:

Online Restaurant Search is a platform/website through which any user can search the best restaurant registered at that location and the Review/Rating option help the user to select the best one. The best part of this website is that any restaurant can update their “Offer of the day” which helps for the attraction of user.

1.4. Overview:

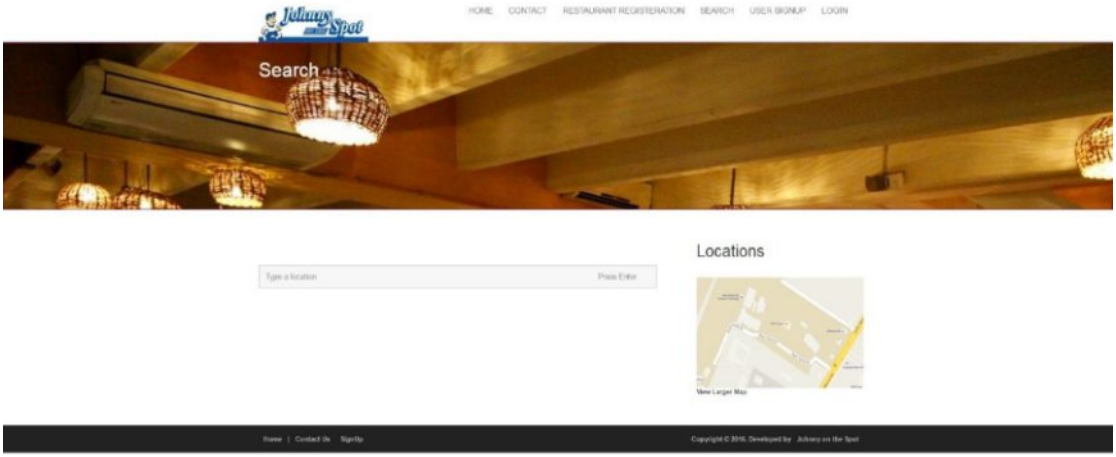
Online Restaurant Search named “Johnny on the Spot” is a webpage through which any Restaurant can register itself for free and update their Menu and Offers regularly so that any Guest user can search the Restaurant at his desired location and select one with the help of Review & Rating. But if the user wants to rate any restaurant or write some review, first he will have to register.

2. OVERALL DESCRIPTION:

2.1.Product Perspective:

The main perspective of this website is to reduce the effort of user for finding the best restaurant at the desired location. There are lots of modules given to the user to make their search easy and effective. The user just need to enter his desired location and a list of restaurants will come and then he can choose the best restaurant according to recent reviews & ratings.

- The home page of this web page provides an avenue where customers will be able to gather more and reliable information about the various restaurants in the searched area.
- A restaurant registration page which would make the restaurant involve directly in the processing of the system smoothly without any confusion.
- Restaurants could easily update their offers on the daily basis or weekly basis according to their choice and preferences.
- A social feature which would allow the user to rate and review the restaurants which would in turn help other customers to choose a good restaurant according to the rating.
- A user registration page which would help in decreasing the duplicity since the review and ratings could only be done once a user register himself or herself.
- The updating of the menu and various offers would be strictly done by the restaurant administrator itself, no outsider could change those information.



2.2.Software Interface:

This project Online Restaurant Search will run on windows and any other operating system. It can be accessed as webpage when it will be deployed on the server.

- **Operating System:** Windows (any version), Linux, Mac and other OS also.
- **Web Development Tool:** Macromedia Dreamweaver 8.
- **Browser:** Google chrome, Mozilla Firefox, Internet Explorer and others.
- **Web Server:** This software is being designed to run on **Wamp** server.
- **Database:** The system will access MYSQL database developed by Microsoft for providing the backend support for various feature included later like tutorial series.

Operating System	Windows, Linux, Mac etc.
Front End	PHP, HTML, CSS, JavaScript
Back End	MySQL
Documentation	Microsoft word
Presentation	Microsoft PowerPoint

2.3. Hardware Interface:

- The project will work when **wamp** server is installed in the system.
- The hardware interface of the system is handled by the windows operating system. No hardware dependent code is written by the development team.

Technology Used:

- **PHP:** PHP is used for server side scripting and to establish the connection between webpage and Database.
- **HTML:** It is used to develop Web pages in the project and giving eye catching look to this site.
- **MySQL:** It is used to store the various data and image files of this Webpage.

Performance Requirements:

- **Client Hardware:** The performance of system does not depend on the client machine.

2.4. Product Function:

The main purpose of Online Restaurant Search (named Johnny on the Spot) is to input the desired location and search for the registered restaurants available at that location as output. Now the user can visit the restaurant's page as per their rating and further contact them through their contact details.

The key function of this project is:

- Input the desired location and shows the list of all registered restaurants at that location.
- Restaurants can update their Offer of the Day which help to be eye catching or attractive for users.
- Rating & Review option gives freedom to user to show their opinion about the Restaurant.
- Query & Feedback option is very beneficial so that anyone can ask any question and admin will clear their doubts.

2.5. User Characteristics:

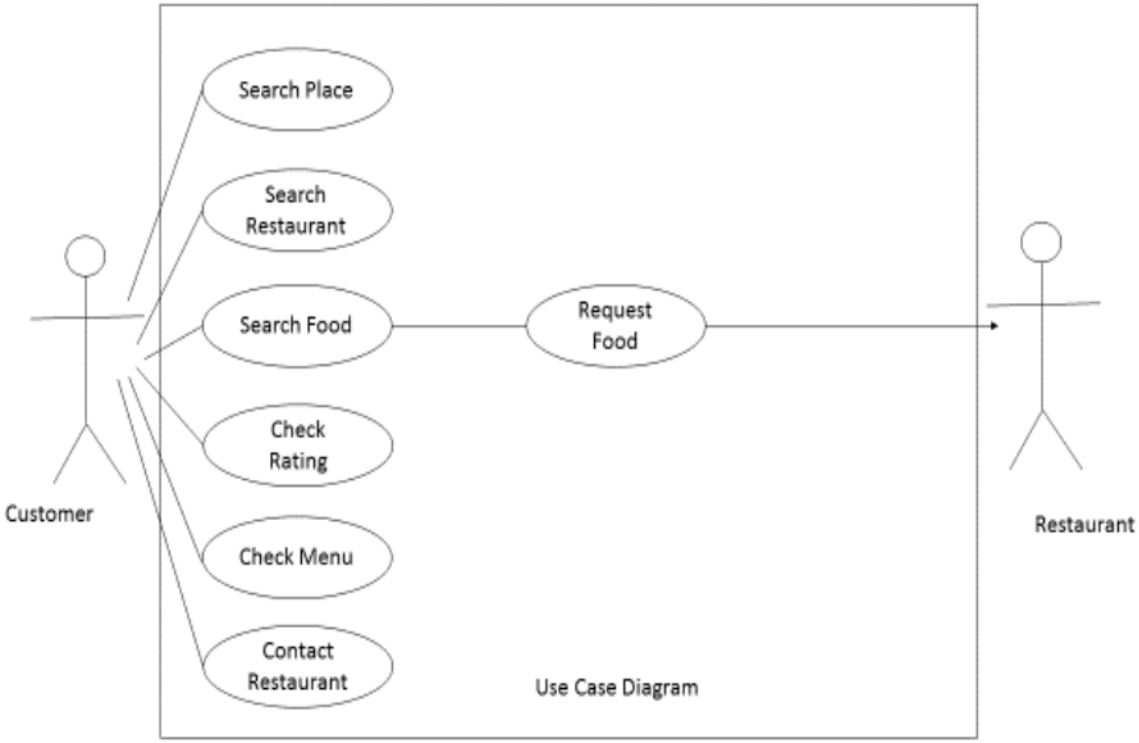
- **Educational level:** Users should be comfortable with the English language.
- **Internet:** User should have proper internet connection.
- **Experience:** Users should have prior information regarding the present scenario of online restaurant services.
- **Skills:** Users should have basic knowledge and should be comfortable using general purpose applications on computers.
- **Trust:** User should be ready to trust the details given on our website.

2.6. Constraints:

Due to absence of gateway, the payment mode cannot be done online. It is something which will be done as a future scope of our project. Online orders as well as cash on delivery is not available on our website, we will be working on this as future scope.

2.7.Use Case Model Description:

The Use Case Diagram is shown below –



Class Diagram:

In software engineering, a class diagram in the Unified Modelling Language (UML) is a type of static structure diagram that describes the structure of a system by showing the system's classes, their attributes, operations (or methods), and the relationships among objects.

The class diagram is the main building block of object-oriented modelling. It is used both for general conceptual modelling of the systematics of the application, and for detailed modelling translating the models into programming code. Class diagrams can also be used for data modelling. The classes in a class diagram represent both the main elements, interactions in the application, and the classes to be programmed.

In the diagram, classes are represented with boxes that contain three compartments:

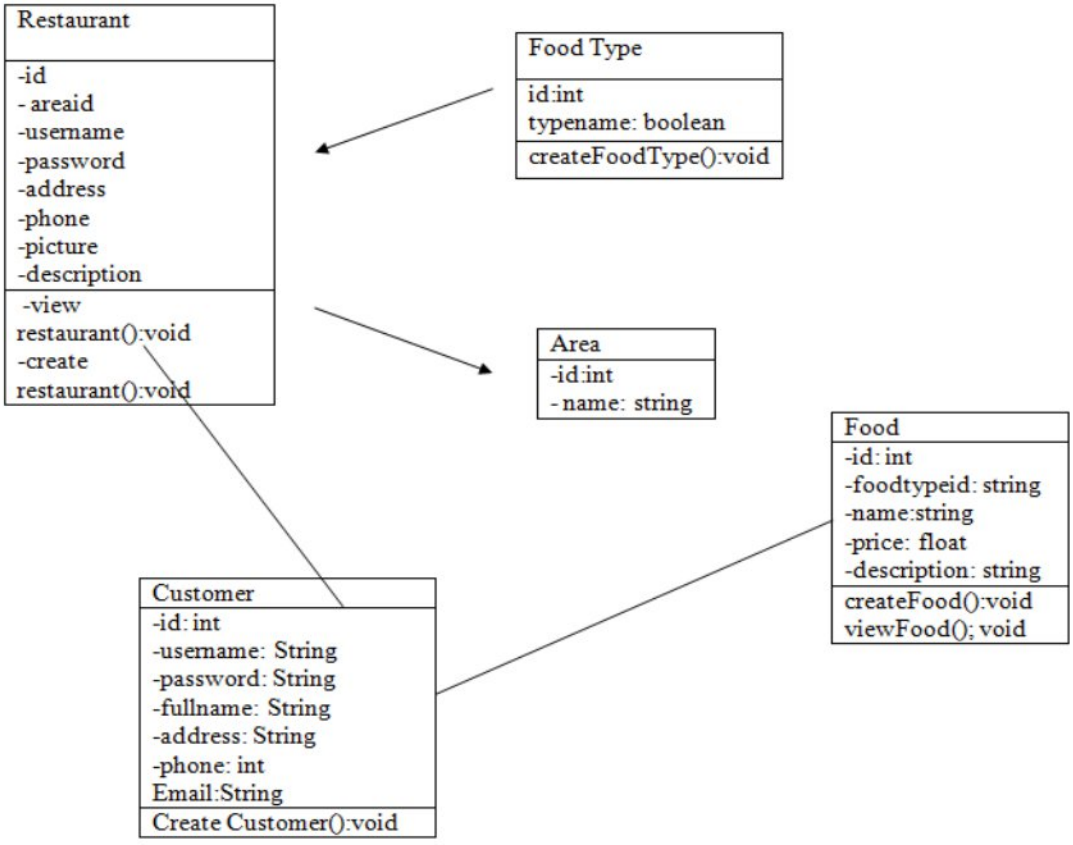
The top compartment contains the name of the class. It is printed in bold and centred, and the first letter is capitalized.

The middle compartment contains the attributes of the class. They are left-aligned and the first letter is lowercase.

The bottom compartment contains the operations the class can execute. They are also left- aligned and the first letter is lowercase.

In the design of a system, a number of classes are identified and grouped together in a class diagram that helps to determine the static relations between them. With detailed modelling, the classes of the conceptual design are often split into a number of subclasses.

In order to further describe the behaviour of systems, these class diagrams can be complemented by a state diagram or UML state



Class Diagram Explanation:

Restaurant
<Attributes> private int id; private int areaid; private String username; private String password; private String phone; private String address; private String picture; private String description; ;
<Operations> public void createRestaurant() public void viewRestaurant ()

Food

Food
<Attributes> private int id; private int foodtypeid; private String name; private float price; private String picture; private String description;
<Operations>

public void createFood() public void viewFood ()

Customer

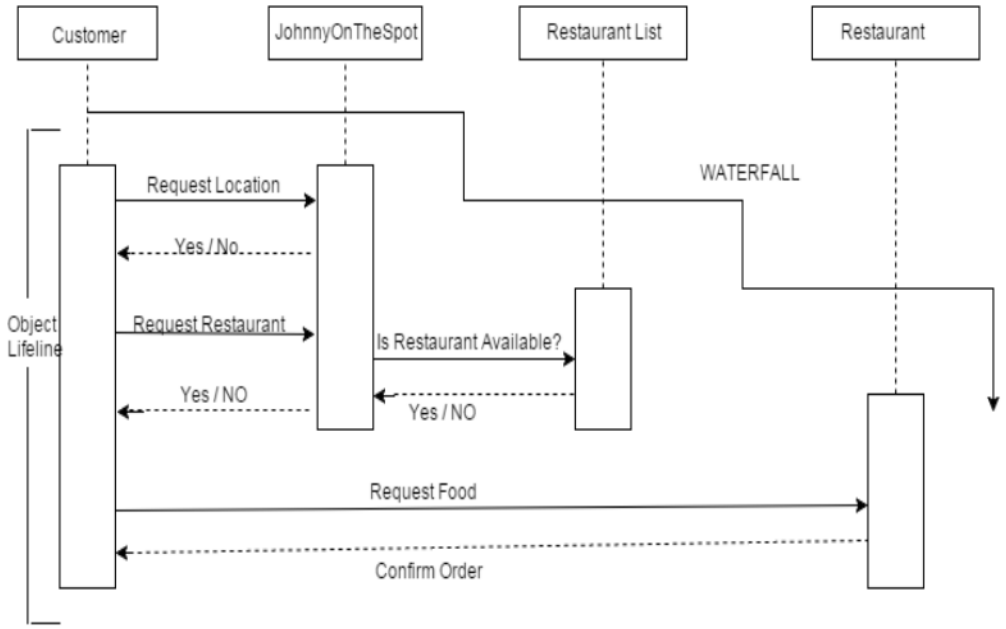
Customer
<Attributes> private int id; private String username; private String password; private String fullname; private String address; private String email; private String phone;
<Operations> public void createCustomer()

2.8. Sequence Diagram

A Sequence diagram is an interaction diagram that shows how processes operate with one another and in what order. It is a construct of a Message Sequence Chart. A sequence diagram shows object interactions arranged in time sequence. It depicts the objects and classes involved in the scenario and the sequence of messages exchanged between the objects needed to carry out the functionality of the scenario. Sequence diagrams are typically associated with use case realizations in the Logical View of the system under development. Sequence diagrams are sometimes called event diagrams or event scenarios.

A sequence diagram shows, as parallel vertical lines (*lifelines*), different processes or objects that live simultaneously, and, as horizontal arrows, the messages exchanged

between them, in the order in which they occur. This allows the specification of simple runtime scenarios in a graphical manner.



2.9. Database Design

Database design is the process of producing a detailed data model of a database. This data model contains all the needed logical and physical design choices and physical storage parameters needed to generate a design in a data definition language, which can then be used to create a database. A fully attributed data model contains detailed attributes for each entity.

The term database design can be used to describe many different parts of the design of an overall database system. Principally, and most correctly, it can be thought of as the logical design of the base data structures used to store the data. In the relational model these are the tables and views. In an object database the entities and relationships map directly to object classes and named relationships. However, the term database design could also be used to apply to the overall process of designing, not just the base data structures, but also the forms and queries used as part of the overall database application within the database management system (DBMS).

The process of doing database design generally consists of a number of steps which will be carried out by the database designer.

Usually, the designer must:

- Determine the data to be stored in the database.
- Determine the relationships between the different data elements.
- Superimpose a logical structure upon the data on the basis of these relationships

2.9.1. E-R Diagram:

An entity–relationship model (ER model) is a data model for describing the data or information aspects of a business domain or its process requirements, in an abstract way that lends itself to ultimately being implemented in a database such as a relational database. The main components of ER models are entities (things) and the relationships that can exist among them.

An entity–relationship model is the result of using a systematic process to describe and define a subject area of business data. It does not define business process; only visualize business data. The data is represented as components (entities) that are linked with each other by relationships that express the dependencies and requirements between them, such as: one building may be divided into zero or more apartments, but one apartment can only be located in one building. Entities may have various properties (attributes) that characterize them. Diagrams created to represent these entities, attributes, and relationships graphically are called entity–relationship diagrams.

An ER model is typically implemented as a database. In the case of a relational database, which stores data in tables, every row of each table represents one instance of an entity. Some data fields in these tables point to indexes in other tables; such pointers are the physical implementation of the relationships.

The three schema approach to software engineering uses three levels of ER models that may be developed.

Conceptual data model:

This is the highest level ER model in that it contains the least granular detail but establishes the overall scope of what is to be included within the model set. The conceptual ER model normally defines master reference data entities that are

commonly used by the organization. Developing an enterprise-wide conceptual ER model is useful to support documenting the data architecture for an organization.

A conceptual ER model may be used as the foundation for one or more logical data models (see below). The purpose of the conceptual ER model is then to establish structural metadata commonality for the master data entities between the set of logical ER models. The conceptual data model may be used to form commonality relationships between ER models as a basis for data model integration.

Logical data model:

A logical ER model does not require a conceptual ER model, especially if the scope of the logical ER model includes only the development of a distinct information system. The logical ER model contains more detail than the conceptual ER model. In addition to master data entities, operational and transactional data entities are now defined. The details of each data entity are developed and the relationships between these data entities are established. The logical ER model is however developed independent of technology into which it can be implemented.

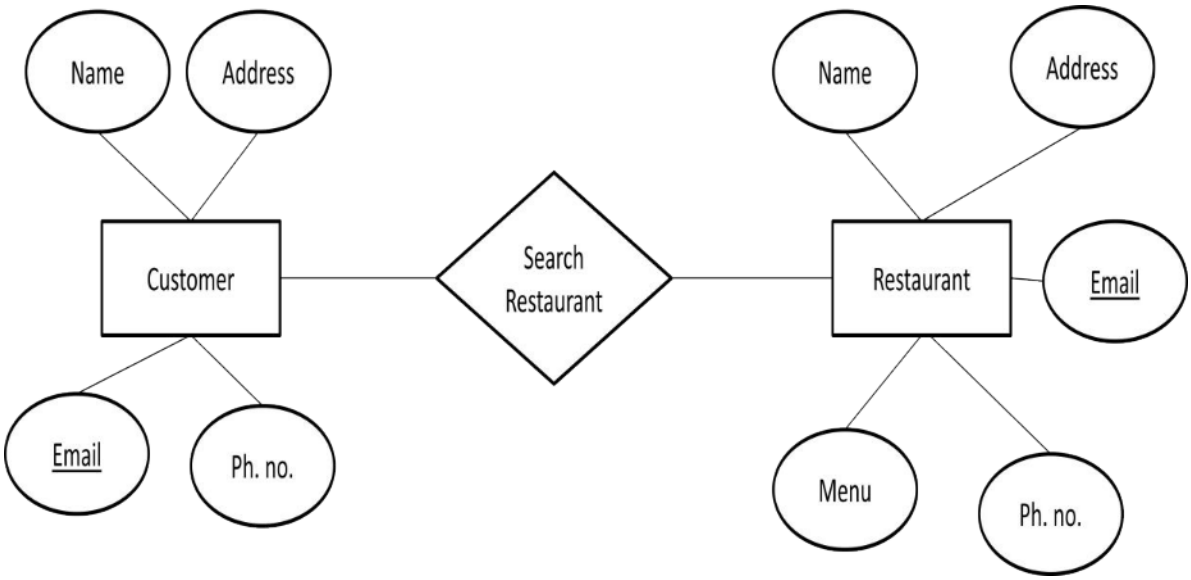
Physical data model:

One or more physical ER models may be developed from each logical ER model. The physical ER model is normally developed to be instantiated as a database. Therefore, each physical ER model must contain enough detail to produce a database and each physical ER model is technology dependent since each database management system is somewhat different.

The physical model is normally instantiated in the structural metadata of a database management system as relational database objects such as database tables, database indexes such as unique key indexes, and database constraints such as a foreign key constraint or a commonality constraint. The ER model is also normally used to design modifications to the relational database objects and to maintain the structural metadata of the database.

The first stage of information system design uses these models during the requirements analysis to describe information needs or the type of information that is to be stored in a database. The data modeling technique can be used to describe any ontology (i.e. an overview and classifications of used terms and their

relationships) for a certain area of interest. In the case of the design of an information system that is based on a database, the conceptual data model is, at a later stage (usually called logical design), mapped to alogical data model, such as the relational model; this in turn is mapped to a physical model during physical design. Note that sometimes, both of these phases are referred to as "physical design."

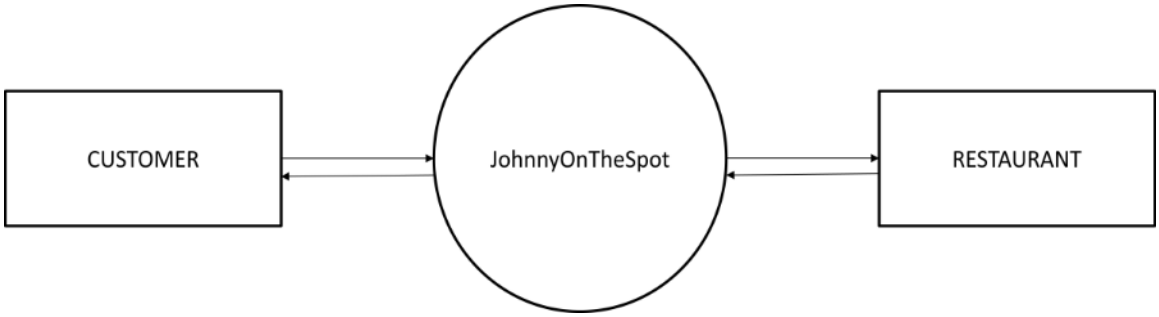


2.9.2. Data Flow Diagram:

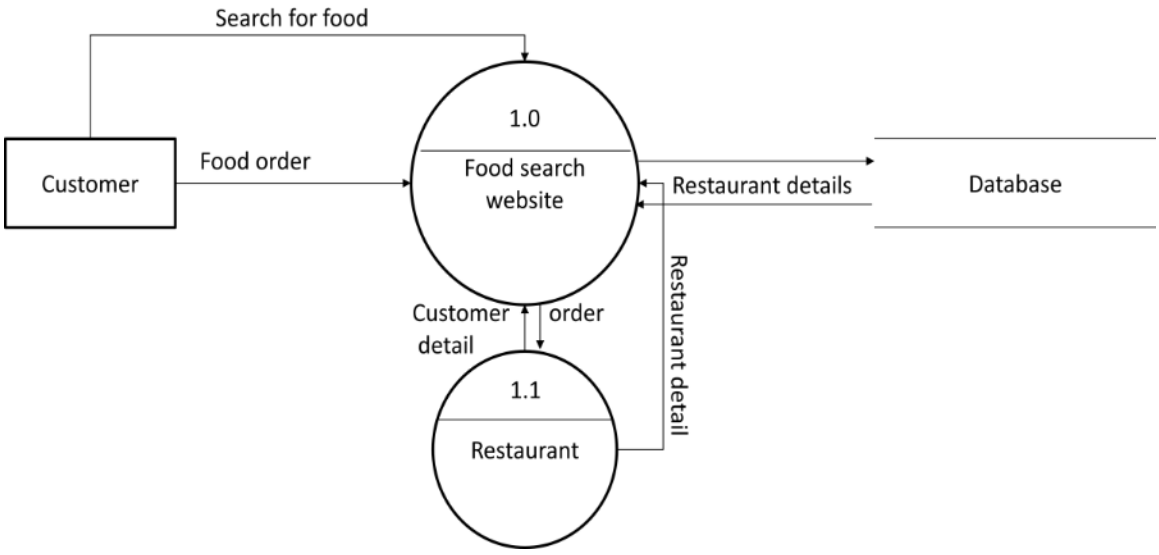
A data flow diagram (DFD) is a graphical representation of the "flow" of data through an information system, modelling its process aspects. A DFD is often used as a preliminary step to create an overview of the system, which can later be elaborated. DFDs can also be used for the visualization of data processing (structured design).

A DFD shows what kind of information will be input to and output from the system, where the data will come from and go to, and where the data will be stored. It does not show information about the timing of process or information about whether processes will operate in sequence or in parallel (which is shown on a flowchart).

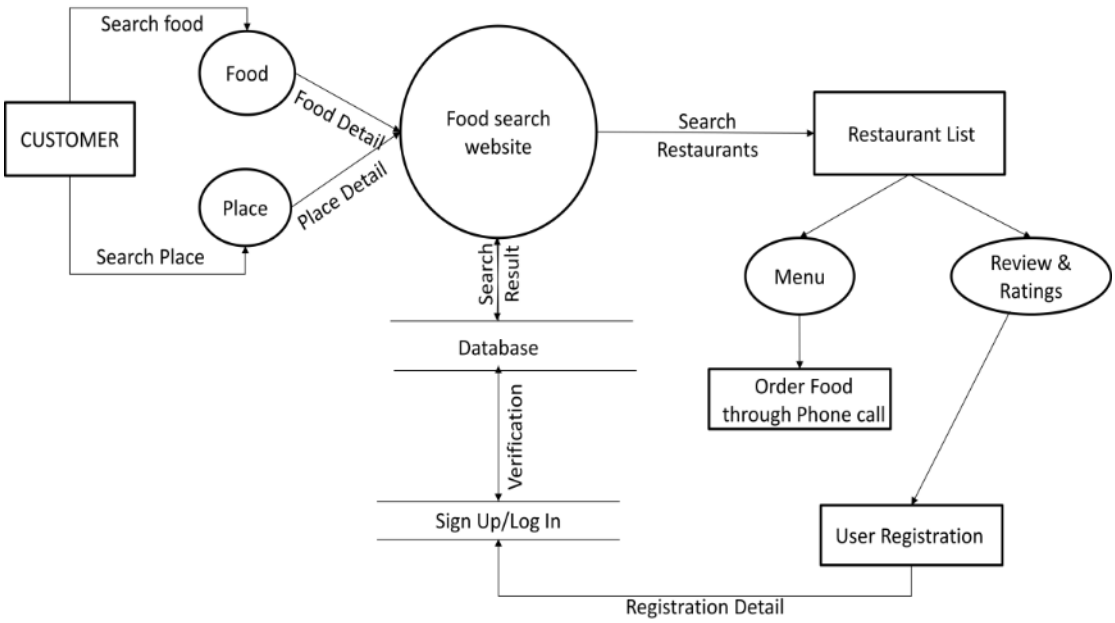
Level 0 DFD:



Level 1 DFD:



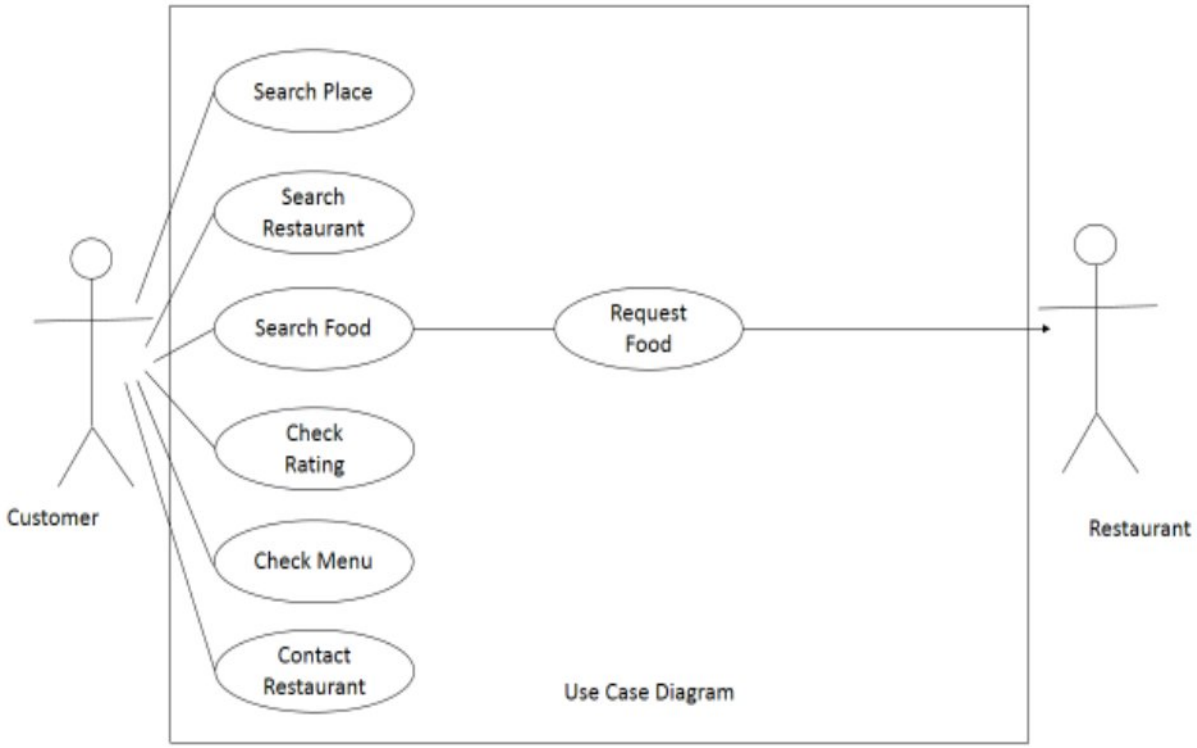
Level 2 DFD:


Search food
Food
Food Detail
CUSTOMER
Place
Place Detail
Search Place
Food search website
Search Result
Search Restaurants
Restaurant List
Menu
Review & Ratings
Database
Order Food through Phone call
Verification
Sign Up/Log In
User Registration
Registration Detail

3. SPECIFIC REQUIREMENTS:

3.1 Use case reports:

Use case report shows us that which actor is involved in which process. As in this proposed model there are two actor user and DB. Which are involved in various action input restaurant, searching for restaurant. The use case diagram is given below.



3.2 Feasibility Study:

Feasibility study is an important phase in the software development process. It enables the developer to have an assessment of the product being developed. It refers to the feasibility study of the product in terms of outcomes of the product, operational use and technical support required for implementing it. Feasibility study should be performed on the basis of various criteria and parameters. The various feasibility studies are:

- Economic Feasibility
- Operational Feasibility
- Technical Feasibility

- Schedule Feasibility

3.2.1. Economic Feasibility:

It refers to the benefits or outcomes we are deriving from the product as compared to the total cost we are spending for developing the product. If the benefits are more or less the same as the older system, then it is not feasible to develop the product. This project is very less costly because all the required software is easily available.

3.2.2. Operational Feasibility:

It refers to the feasibility of the product to be operational. Some products may work very well design and implementation but may fail in the real environment. It includes the study of additional human resource required and their technical expertise. In this project it will operate in the college environment where the users can operate easily.

3.2.3. Technical Feasibility:

It refers to whether the software that is available in the market fully supports the present application. It studies the pros and cons of using particular software for the development and its feasibility. It also studies the additional training needed to be given to the people to make the application work.
This software will run well on those devices which supports java and browsers like chrome and Mozilla Firefox and also supports others browsers. These browsers are easily available in the internet. The main feature of this project is that user can learn about algorithms easily in the graphical way.

3.2.4. Schedule Feasibility:

It is the measure of how reasonable the project time table is or the deadline is reasonable or not. During the lack of time or the time become mandatory, we must finish the project within a given time period. It mainly addresses:

4.0 TESTING AND MAINTAINENCE:

4.1 Introduction:

The purpose of testing is to discover errors. Testing is the process of trying to discover every conceivable fault or weakness in a work product. It provides a way to check the functionality of components, sub-assemblies and/or a finished product. It is the process of exercising with the intent of ensuring that the

Software system meets its requirements and user expectation and does not fail in an unacceptable manner. There are various types of test. Each test type address a specific testing requirement.

4.2 TYPES OF TESTING:

4.2.1 UNIT TESTING:

Unit testing involves the design of test cases that validate that the internal program logic is functioning properly, and that the programs inputs produce valid outputs. All decision branches and internal code flow should be validated. It is the testing of individual software unit of the application. It is done after the completion of an individual unit before integration. This is a structural testing, that relies on knowledge of its construction and is invasive. Unit test performs basic test at component level and test a specific business process, application, and/ or system configuration. Unit tests ensures that each unique path of a business process performs accurately to the documented specifications and contains clearly defined inputs and expected results.

4.2.2 INTEGRATION TESTING:

Integration test is designed to test integrated software components to determine if they actually runs as one program. Testing is event driven and is more concerned with the basic outcome of screens or fields. Integration test demonstrate that although the components is correct and consistent. Integration testing is

specifically aimed at exposing the problems that arise from the combination of components.

4.2.3 FUNCTIONAL TESTING:

Functional tests provide systematic demonstrations that function tested are available as specified by business and technical requirements, system documentation, and user manuals.

Functional testing is centred on the following items:

Valid Input : Identifies classes of valid input must be accepted.

Invalid input : Identified function must be rejected.

Functions : Identified functions must be exercised.

Output : Identified classes of application output must be exercised.

System : Interfacing system must be invoked.

Organization and preparation of functional tests is focused on requirements, key functions, or Special test cases. In addition, systematic coverage pertaining to identify Business process flows; Data fields, predefined processes, and successive processes must be considered for testing. Before functional testing is complete, additional tests are identified and the effective value of current tests is determined.

4.2.4 SYSTEM TESTING:

System testing ensures that the entire integrated software system meets requirements. It tests a configuration to ensure known and predictable results. An example of system testing is the configuration oriented system integration test. System testing is based on process descriptions and flows, emphasizing pre-driven process links and integration points.

4.2.5 WHITE BOX TESTING:

White Box Testing is a testing in which in which the software tester has knowledge of the inner workings, structure and language of the software, or at least it's Purpose. It is purpose. It is used to test areas that cannot be reached from a black box level.

4.2.6 BLACK BOX TESTING:

Black Box Testing is testing the software without any knowledge of the inner workings, structure or language of the module being tested. Black box tests, as most other kinds of tests, must be written from a definitive source document, such as specification or requirements document, such as specification or requirements document. It is a testing in which the software under test is treated, as a black box. you cannot "see" into it. The test provides inputs and responds to outputs without considering how the software works

4.3 Unit testing

Unit testing is usually conducted as part of a combined code and unit test phase of the software lifecycle, although it is not uncommon for coding and unit testing to be conducted as two distinct phases.

Test strategy and approach Field testing will be performed manually and functional tests will be written in detail.

Test objectives

- All entries must work properly.
- Pages must be activated from the identified link.
- The input screen, messages and responses must not be delayed.

Features to be tested

- Verify that the entries are of the correct format.
- No duplicate entries should be allowed.

4.4 Integration Testing:

Software integration testing is the incremental integration testing of two or more integrated Software components on a single platform to produce failures caused by interface defects. The task of the integration test is to check that components or software applications, e.g. components in a software system or – one steps up – software applications at the company level – interact without error.

4.5 Acceptance Testing:

User Acceptance Testing is a critical phase of any project and requires significant participation by the end user. It also ensures that the system meets the functional requirements.

5.0. SAMPLE CODE-

5.1. Home Page:

```
<?php
include './dbconfigur.php';
?>
<html>
    <head>
        <title>Welcome to Johnny on the Spot</title>
        <?php include 'title.php'; ?>
    </head>
    <body>
        <?php
        include 'header.php';
        ?>
        <!-- Header -->
        <header id="head">
            <div class="container">
                <div class="banner-content">
                    <div id="da-slider" class="da-slider">


                    </div>
                </div>
```

```
    </div>
  </header>
  <!-- /Header -->
  <section class="container">
    <div class="row">
      <div class="col-md-8" ><div class="title-box clearfix " ><h2 class="title-box_primary">Our Goals</h2></div>
      <font face="Calibri" size="4.4"> <p> Now a days we are upholding the same objective “making online food ordering fast and easy” Our service provides the opportunity to find all of the restaurants available in your area that can deliver to your house. There is a difference between calling the restaurant to order food and Ordering food online. What's the difference? Very simple, when you order through our website you can see a big selection of restaurants which offer a broad variety of food. You can compare prices and reviews in order to choose your favorite restaurant.</p></font>
      </div>
    <div class="col-md-4">
      <div class="title-box clearfix "><h2 class="title-box_primary">Locations</h2></div>
      <figure class="frame thumbnail alignnone clearfix">
        <p><img class="size-full " alt="usa" src="images/ny.png" width="" height="197"><a href=""https://maps.google.co.in/maps?f=q&amp;source=s_q&amp;hl=en&amp;geocode=&amp;q=Ghaziabad,Uttar+pradesh,+India&amp;aq=4&amp;oq=light&amp;sll=26.275636,-80.087265&amp;sspn=0.04941,0.104628&amp;ie=UTF8&amp;hq=&amp;hnear=Ghaziabad,Uttar+pradesh,+Indi&amp;t=m&amp;z=14&amp;ll=26.275636,-80.087265&amp;output=embed"></iframe><br><a href="https://maps.google.co.in/maps?f=q&amp;source=embed&amp;hl=en&amp;geocode=&amp;q=Ghaziabad,Uttar+pradesh,+Indi&amp;aq=4&amp;oq=light&amp;sll
```

```
=26.275636,-
80.087265&amp;sspn=0.04941,0.104628&amp;ie=UTF8&amp;hq=&amp;hnear=Gh
aziabad,Uttar+pradesh,+Indi&amp;t=m&amp;z=14&amp;ll=26.275636,-80.087265"
style="color:#666;text-align:left;font-size:12px"><b>View Larger Map</a>
                                                    </p>
            </figure>
          </div>

        </div>
      </section>

      <?php include './footer.php'; ?>
  </body>
</html>
```

5.2 Search Page

```
<?php
include './dbconfigur.php';
?>
<html>
  <head>
    <title>Search - Johnny on the Spot</title>
```

```
    <?php include 'title.php'; ?>
    <script type="text/javascript" src="js/validation.js"></script>
</head>
<body>
    <?php
    include 'header.php';
    ?>
    <header id="head" class="secondary">
        <div class="container">
            <div class="row">
                <div class="col-sm-8">
                    <h1>Search</h1>
                </div>
            </div>
        </div>
    </header>
    <div class="container">
        <div class="row"><p> </p></div>
        <div class="row">
            <div class="col-md-8">
                <?php
                $search = "";
                if (isset($_GET['search'])) {
```

```
            $search = $_GET['search'];
        }
        ?>
        <form class="form-light mt-20" role="form"
method="get" action="">
            <div class="form-group" style="padding-
top:70px">
                <input type="text" id="search" name="search"
class="form-control" value="<?php echo $search ?>"
placeholder="Type a location
                                                    Press
Enter">
            </div>
        </form>
        <div class="row" style="padding-left: 17px;padding-
right: 17px;">
            <?php
            if (!empty($search)) {
                $i = 0;
                $sql = "SELECT * FROM users WHERE
user_type ='restaurant' and city like '%" . $search . "%' ORDER
BY name ASC";
                $result = mysql_query($sql);
                if (mysql_num_rows($result) > 0) {
                    echo '<table class="table_list">';
                    while ($row = mysql_fetch_array($result)) {
```

```
                    ?>
                    <tr>
                        <td class="grid_heading">S.No</td>
                        <td class="grid_heading">Logo</td>
                        <td class="grid_heading">Restaurant
Name</td>
                        <td class="grid_heading">Email</td>
                        <td class="grid_heading">Phone</td>

                    </tr>
                    <?php
                    $i++;
                    ?>
                    <tr>
                        <td class="grid_label"><?php echo $i;
?></td>
                        <td class="grid_label"><a
href="restaurant_home.php?id=<?php echo $row['id'] ?>"><img
src="<?php echo $row ['imgpath'] ?>" height="80"/></a></td>
                        <td class="grid_label"><?php echo
$row['name'] ?></td>
                        <td class="grid_label"><?php echo
$row['email'] ?></td>
                        <td class="grid_label"><?php echo
$row['phone_no'] ?></td>
```

```
                    </tr>
                    <?php
                }
                echo '</table>';
            } else {
                echo 'No records found.';
            }
        }
        ?>

    </div>
</div>

<div class="col-md-4" style="padding-left: 60px;">
    <div class="title-box clearfix "><h2 class="title-box_primary">Locations</h2></div>
    <figure class="frame thumbnail alignnone clearfix">
        <p><img class="size-full " alt="usa" src="images/ny.png" width="" height="197"><a href=""https://maps.google.co.in/maps?f=q&amp;source=s_q&amp;hl=en&amp;geocode=&amp;q=Ghaziabad,Uttar+pradesh,+India&amp;aq=4&amp;oq=light&amp;sll=26.275636,-80.087265&amp;sspn=0.04941,0.104628&amp;ie=UTF8&amp;hq=&amp;hnear=Ghaziabad,Uttar+pradesh,+Indi&amp;t=m&amp;z=14&amp;ll=26.275636,-80.087265&amp;output=embed"></iframe><br><a
```

```
href="https://maps.google.co.in/maps?f=q&amp;source=embed&amp;hl=en&amp;geocode=&amp;q=Ghaziabad,Uttar+pradesh,+Indi&amp;aq=4&amp;oq=light&amp;sll=26.275636,-80.087265&amp;sspn=0.04941,0.104628&amp;ie=UTF8&amp;hq=&amp;hnear=Ghaziabad,Uttar+pradesh,+Indi&amp;t=m&amp;z=14&amp;ll=26.275636,-80.087265" style="color:#666;text-align:left;font-size:12px"><b>View Larger Map</a>
                                                                    </p>
                </figure>
              </div>


              </div>
            </div>
          </div>
          <?php
          include 'footer.php';
          ?>
    </body>
</html>
```

5.3 Login Page

```
<?php
//ob_start();
//session_start();
include './dbconfigur.php';

if (isset($_POST['btnsubmit'])) {

    $error = "";

    $email = $_POST['email'];
    $password = $_POST['password'];

    if (empty($email)) {
        $error = "Please enter your email";
    }
    if (empty($password)) {
        $error = "Please enter your password";
    }

    if (empty($error)) {
```

```
      $query = "Select id,name,email,user_type,imgpath from users
where email = '$email' AND password = '$password'";
       $result = mysql_query($query);
       if (mysql_num_rows($result) > 0) {
          $row = mysql_fetch_array($result);
          $_SESSION['map_user_id'] = $row['id'];
          $_SESSION['map_user_name'] = $row['name'];
          $_SESSION['map_user_type'] = $row['user_type'];
          $_SESSION['map_user_image'] = $row['imgpath'];

          header('location:myaccount.php');
       }else{
          $error = "Email and password are wrong.";
       }
   }
}
?>
<html>
   <head>
       <title>Login - Johnny on the Spot</title>
       <?php include 'title.php'; ?>
       <script>
```

```
    </script>
  </head>
  <body>
    <?php
    include './header.php';
    ?>
    <header id="head" class="secondary">
      <div class="container">
        <div class="row">
          <div class="col-sm-8">
            <h1>Login</h1>
          </div>
        </div>
      </div>
    </header>
    <div class="container">
      <div class="row">
        <div class="col-md-6">
          <h3 class="section-title">Login</h3>
          <form class="form-light mt-20" role="form"
method="post" action="login.php">
            <?php
            if (!empty($error)) {
```

```
                    echo '<div class="text"><label>' . $error .
'</label></div>';
                }

                if (isset($_GET['msg']) && $_GET['msg'] ==
"login") {
                    echo '<div class="text"><label
class="error">You must be login.</label></div>';
                }
                ?>
                <div class="form-group">
                    <label>Email</label>
                    <input type="email" id="email" name="email"
class="form-control" placeholder="Email address">
                </div>
                <div class="form-group">
                    <label>Password</label>
                    <input type="password" id="password"
name="password" class="form-control" placeholder="Password">
                </div>
                <button type="submit" name="btnsubmit"
class="btn btn-one" onClick="return
loginFormValidation()">Login</button><p><br/></p>
            </form>
        </div>
```

```
            <div class="col-md-6">
                <div class="title-box clearfix ">
                    <h2 class="title-
box_primary">Locations</h2></div>
                <figure class="frame thumbnail alignnone clearfix">
                    <p><img class="size-full " alt="usa"
src="images/ny.png" width="" height="250"> <a
href=""https://maps.google.co.in/maps?f=q&amp;source=s_q&am
p;hl=en&amp;geocode=&amp;q=Ghaziabad,Uttar+pradesh,+India
&amp;aq=4&amp;oq=light&amp;sll=26.275636,-
80.087265&amp;sspn=0.04941,0.104628&amp;ie=UTF8&amp;hq
=&amp;hnear=Ghaziabad,Uttar+pradesh,+Indi&amp;t=m&amp;z
=14&amp;ll=26.275636,-
80.087265&amp;output=embed"></iframe><br><a
href="https://maps.google.co.in/maps?f=q&amp;source=embed&a
mp;hl=en&amp;geocode=&amp;q=Ghaziabad,Uttar+pradesh,+Ind
i&amp;aq=4&amp;oq=light&amp;sll=26.275636,-
80.087265&amp;sspn=0.04941,0.104628&amp;ie=UTF8&amp;hq
=&amp;hnear=Ghaziabad,Uttar+pradesh,+Indi&amp;t=m&amp;z
=14&amp;ll=26.275636,-80.087265" style="color:#666;text-
align:left;font-size:12px"><b>View Larger Map</a></p>
                </figure>

            </div>
        </div>
    </div>
    <?php
    include './footer.php';
```

```
        ?>


    </body>
</html>
```

5.4 Register

```
<?php
include './dbconfigur.php';
if (isset($_POST['btnsubmit'])) {
    $error = "";
    extract($_POST);
    if (empty($name)) {
        $error = "Please enter your name.";
    }
    if (empty($email)) {
        $error = "Please enter your email.";
    }
    if (empty($phone_no)) {
        $error = "Please enter your phone_no.";
    }
    if (empty($password)) {
```

```
        $error = "Please enter your password.";
    }
    if (empty($error)) {
     $sql_query = "INSERT INTO
users(name,email,phone_no,password,adding_date)"
                . "VALUES('" . $name . "','" . $email . "','" . $phone_no .
"','" . $password . "','" . date('Y-m-d h:i:s') . "')";
        $reesult = mysql_query($sql_query);
        if ($result) {
            header("location:register.php?reg=success");
        } else {
            $error = "Data has not been saved.";
        }
    }
}
?>
<html>
    <head>
        <title>Register - Restaurant Management Systeam </title>
        <?php include 'title.php'; ?>
        <script type="text/javascript">
            //check for integer
            function checkForIntegers(i)
            {
```

```
            if (i.value.length > 0)
            {
                i.value = i.value.replace(/[^\d]+/g, '');

            }
        }

    </script>
</head>
<body>
    <?php
    include 'header.php';
    ?>
    <header id="head" class="secondary">
        <div class="container">
            <div class="row">
                <div class="col-sm-8">
                    <h1>Register</h1>
                </div>
            </div>
        </div>
    </header>
    <!-- container -->
```

```
<div class="container">
    <div class="row">
        <div class="col-md-6">
            <h3 class="section-title">Register</h3>
            <form class="form-light mt-20" role="form"
method="post" action="register.php" id="register-form"
novalidate>
                <?php
                if (!empty($message)) {
                    echo '<div class="style">' . $error . '</div>';
                }
                if (isset($_GET['reg']) && $_GET['reg'] ==
"success") {
                    echo '<div class="style">You have been
successfuly registered.</div>';
                }
                ?>
                <div class="form-group">
                    <label>Name</label>
                    <input type="text" id="name" name="name"
class="form-control" placeholder="Your name"
maxlength="100">
                </div>
                <div class="row">
                    <div class="col-md-6">
```

```
                        <div class="form-group">
                            <label>Email</label>
                            <input type="email" id="email"
name="email" class="form-control" placeholder="Email
address"maxlength="125">
                        </div>
                    </div>
                    <div class="col-md-6">
                        <div class="form-group">
                            <label>Phone</label>
                            <input type="text" id="phone_no"
name="phone_no"class="form-control" placeholder="Phone
number"maxlength="10"  onkeyup="checkForIntegers(this)" >
                        </div>
                    </div>
                </div>
                <div class="row">
                    <div class="col-md-6">
                        <div class="form-group">
                            <label>Password</label>
                            <input type="password" id="password"
name="password" class="form-control"
placeholder="Password"maxlength="25">
                        </div>
                    </div>
```

<label>Confirm Password</label>

<input type="password" id="cnfpassword" name="cnfpassword" class="form-control" placeholder="Confirm Password"maxlength="25">

<button type="submit" id="btnsubmit" name="btnsubmit" class="btn btn-one" onClick="return regFormValidation()">Submit</button>

</form>

<h2 class="title-box_primary">Locations</h2>

<figure class="frame thumbnail alignnone clearfix">

<img class="size-full " alt="usa" src="images/ny.png" width="" height="250"> <a href=""https://maps.google.co.in/maps?f=q&source=s_q&hl=en&geocode=&q=Ghaziabad,Uttar+pradesh,+India&aq=4&oq=light&sll=26.275636,-80.087265&sspn=0.04941,0.104628&ie=UTF8&hq

```
=&amp;hnear=Ghaziabad,Uttar+pradesh,+Indi&amp;t=m&amp;z
=14&amp;ll=26.275636,-
80.087265&amp;output=embed"></iframe><br><a
href="https://maps.google.co.in/maps?f=q&amp;source=embed&a
mp;hl=en&amp;geocode=&amp;q=Ghaziabad,Uttar+pradesh,+Ind
i&amp;aq=4&amp;oq=light&amp;sll=26.275636,-
80.087265&amp;sspn=0.04941,0.104628&amp;ie=UTF8&amp;hq
=&amp;hnear=Ghaziabad,Uttar+pradesh,+Indi&amp;t=m&amp;z
=14&amp;ll=26.275636,-80.087265" style="color:#666;text-
align:left;font-size:12px"><b>View Larger Map</a></p>

                </figure>


            </div>

          </div>

       </div>

       <?php

       include 'footer.php';

       ?>


   </body>

</html>
```

5.5 My Account

```
<?php

include 'dbconfigur.php';
```

```
if (!empty($user_id)) {

    $error = "";
    if (isset($_POST['btnupdate'])) {
        extract($_POST);
        //upload images
        $current_image = $_FILES['fileimg']['name'];
        //if image upload

        $path = "uploads/userspic";
        $time = date("fYhis"); //get time
        $comImagePath = "";

        //upload profile image
        $profile_image = $_FILES['fileimg']['name'];
        if ($profile_image != '') {
            $extension = substr(strrchr($profile_image, '.'), 1);
//filethumgimg
            $comImagePath = $path . "/" . $time . "." . $extension;
            $action = copy($_FILES['fileimg']['tmp_name'],
$comImagePath);

            mysql_query("update users set imgpath='" .
$comImagePath . "' where id = '$user_id'");
```

```
        }
        if (!empty($comImagePath)) {
            $_SESSION['map_user_image'] = $comImagePath;
        }

        $query = "update users set dob='" . $dob . "', city='$city',
state='$state', address='$address', country='$country',
pin_no='$pin_no' where id = '$user_id' ";
        $r = mysql_query($query);
        $num = (int) $r;
        if ($num > 0) {
            $_SESSION['MSG'] = "Your profile has been successfully
updated.!!";
        } else {
            $_SESSION['MSG'] = "Your profile has not been
updated.!!";
        }
    }
    ?>
    <html>
        <head>
            <title>Profile - Restaurant Management System </title>
            <?php include 'title.php'; ?>
        </head>
```

```
<body>
    <?php
    include 'header.php';
    ?>
    <header id="head" class="secondary">
        <div class="container">
            <div class="row">
                <div class="col-sm-8">
                    <h1>Profile</h1>
                </div>
            </div>
        </div>
    </header>
    <div class="container">
        <div class="row">
            <div class="col-md-3">
                <div class="title-box
clearfix"> <br/><br/></div>
                <?php
                include 'leftmenu.php';
                ?>
            </div>
            <div class="col-md-8">
```

```
                <div class="title-box
clearfix"> <br/><br/></div>

                <form class="form-light mt-20" role="form"
method="post" action="myaccount.php" enctype="multipart/form-
data">

                    <?php

                    $i = 0;

                    $sql = "SELECT * FROM users WHERE id = '"
. $user_id . "' ";

                    $result = mysql_query($sql);

                    if (mysql_num_rows($result) > 0) {

                        $row = mysql_fetch_array($result);

                        ?>

                        <div class="form-group">

                            <label>Name</label>

                            <input type="text" id="name"
name="name" class="form-control" value="<?php echo
$row['name']; ?>">

                        </div>

                        <div class="row">

                            <div class="col-md-6">

                                <div class="form-group">

                                    <label>Email</label>
```

```
                                <input type="email" id="email"
name="email" class="form-control" value="<?php echo
$row['email']; ?>">
                            </div>
                        </div>
                        <div class="col-md-6">
                            <div class="form-group">
                                <label>Phone</label>
                                <input type="text" id="phone_no"
name="phone_no" class="form-control" value="<?php echo
$row['phone_no']; ?>">
                            </div>
                        </div>
                    </div>
                    <?php
                    if ($user_type != "restaurant"){
                    ?>
                    <div class="row">
                        <div class="col-md-6">
                            <label>Gender</label>
                            <select class="form-control" id="gender"
name="gender">
                                <option selected=""> - - - - - Select - -
- - - </option>
                                <?php
```

```
                                    if (strtolower($row['gender']) ==
"male") {
                                        echo '<option value="Male"
selected="">Male</option>';
                                        echo '<option
value="Female">Female</option>';
                                    } else {
                                        echo '<option
value="Male">Male</option>';
                                        echo '<option
value="Female">Female</option>';
                                    }
                                    ?>
                                </select>
                            </div>
                            <div class="col-md-6">
                                <div class="form-group">
                                    <label>Date of Birth</label>
                                    <input type="text" id="dob"
name="dob" class="form-control" value="<?php echo
$row['dob']; ?>">
                                </div>
                            </div>
                        </div>
                    <?php } ?>
```

```
                    <div class="row">
                        <div class="col-md-6">
                            <div class="form-group">
                                <label>City</label>
                                <input type="text" id="city"
name="city" class="form-control" value="<?php echo
$row['city']; ?>">
                            </div>
                        </div>
                        <div class="col-md-6">
                            <div class="form-group">
                                <label>State</label>
                                <input type="text" id="state"
name="state" class="form-control" value="<?php echo
$row['state']; ?>">
                            </div>
                        </div>
                    </div>
                    <div class="form-group">
                        <label>Address</label>
                        <textarea class="form-control" id="address"
name="address" style="height:100px;"><?php echo
$row['address']; ?></textarea>
                    </div>
                    <div class="row">
```

```
                        <div class="col-md-6">
                            <div class="form-group">
                                <label>Country</label>
                                <input type="text" id="country"
name="country" class="form-control"value="<?php echo
$row['country']; ?>">
                            </div>
                        </div>
                        <div class="col-md-6">
                            <div class="form-group">
                                <label>Pin</label>
                                <input type="text" id="pin_no"
name="pin_no" class="form-control" value="<?php echo
$row['pin_no']; ?>">
                            </div>
                        </div>
                    </div>
                    <div class="row">
                        <div class="col-md-6">
                            <div class="form-group">
                                <label>Image</label>
                                <input type="file" id="fileimg"
name="fileimg">
                            </div>
                        </div>
```

```
                    </div>
                    <?php
                    if (!empty($error)) {
                        echo '<div class="style">' . $error . '</div>';
                    }
                    if (isset($_GET['status']) && $_GET['status']
== "success") {
                        echo '<div class="style">Your profile has
been successfuly update.</div>';
                    }
                    ?>
                    <button type="submit" id="btnupdate"
name="btnupdate" class="btn btn-one" onClick="return
myaccountFormValidation()"/>Update</button><p><br/></p>
                    <?php } ?>
                </form>
            </div>
        </div>
    </div>
    <?php
    include 'footer.php';
    ?>
  </body>
</html>
```

```
    <?php
} else {
    header("location:login.php?msg=login");
    ob_flush();
}
mysql_close();
?>
```

5.6 Offer of the Day

```
<?php
include 'dbconfigur.php';
if (!empty($user_id)) {

    $error = "";
    if (isset($_POST['btnsubmit'])) {
        extract($_POST);
        $current_image = $_FILES['fileimg']['name'];
        $path = "uploads/product_name/";
        $time = date("fYhis"); //get time
        $imgname = "";

        //upload profile image
        $profile_image = $_FILES['fileimg']['name'];
        if (!empty($profile_image)) {
            $extension = substr(strrchr($profile_image, '.'), 1);
//filethumgimg
```

```
            $imgname = $time . "." . $extension;

            $comImagePath = $path . "/" . $imgname;

            $action = copy($_FILES['fileimg']['tmp_name'],
$comImagePath);

        } else {

            $imgname = "";

        }

        $sql_query = "INSERT INTO
offer_of_day(resturent_id,offer_name,details,price,image,
created)VALUES('" . $user_id . "','" . $meal_name . "','" .
$meal_deteails . "','" . $price . "','" . $comImagePath . "','" .
date('Y-m-d h:i:s') . "')";

        $result = mysql_query($sql_query);

        if ($result) {

            header("location:offer.php?status=success");

        } else {

            $error = "Data has not been saved.";

        }

    }

    ?>

    <html>

        <head>

            <title>Add Offer of the Day - Restaurant
Management System </title>

            <?php include 'title.php'; ?>

        </head>

        <body>

            <?php

            include 'header.php';
```

```
        ?>
        <header id="head" class="secondary">
          <div class="container">
            <div class="row">
              <div class="col-sm-8">
                <h1>Offer of the Day</h1>
              </div>
            </div>
          </div>
        </header>
        <div class="container">
          <div class="row">
            <div class="col-md-3">
              <div class="title-box clearfix"> <br/><br/></div>
              <?php
              include 'leftmenu.php';
              ?>
            </div>
            <div class="col-md-8">
              <div class="title-box clearfix"> <br/><br/></div>
              <form class="form-light mt-20" role="form" method="post" action="offer.php" enctype="multipart/form-data">
                <div class="row">
                  <div class="col-md-6">
                    <div class="form-group">
```

```
                        <label>Offer of the Day</label>
                        <input type="meal_name" id="meal_name" name="meal_name" class="form-control">
                    </div>
                </div>
                <div class="col-md-6">
                    <div class="form-group">
                        <label>Price</label>
                        <input type="text" id="price" name="price" class="form-control">
                    </div>
                </div>
            </div>
            <div class="form-group">
                <label>Offer Details</label>
                <textarea class="form-control" id="meal_deteails" name="meal_deteails" style="height:100px;"></textarea>
            </div>
            <div class="row">
                <div class="col-md-6">
                    <div class="form-group">
                        <label>Promotion Image</label>
                        <input type="file" id="fileimg" name="fileimg">
                    </div>
                </div>
            </div>
```

```
                    <?php
                    if (!empty($error)) {
                       echo '<div class="style">' . $error . '</div>';
                    }
                    if (isset($_GET['status']) && $_GET['status'] == "success") {
                       echo '<div class="style">Your data has been successfuly added.</div>';
                    }
                    ?>
                    <button type="submit" id="btnsubmit" name="btnsubmit" class="btn btn-one" onClick="return menuFormValidation()"/>Submit</button><p><br/></p>
                </form>
              </div>
            </div>
          </div>
          <?php
          include 'footer.php';
          ?>
      </body>
   </html>
   <?php
} else {
   header("location:login.php?msg=login");
   ob_flush();
}
mysql_close();
```

```
?>
```

5.7 Database Configuration

```
<?php


error_reporting(0);

ob_start();

session_start();


$hostName = "localhost";

$dbUsername = "root";

$dbPassword = "";

$dbName = "restaurantmanagement";


$dbhandle = mysql_connect($hostName, $dbUsername,
$dbPassword) or

      die("Unable to conect to MySQL");

mysql_select_db($dbName, $dbhandle)or

      die("Could not select example");









if (isset($_SESSION['map_user_id'])) {

   $user_id = $_SESSION['map_user_id'];

} else {

   $user_id = "";
```

```
}

if (isset($_SESSION['map_user_name'])) {
    $user_name = $_SESSION['map_user_name'];
} else {
    $user_name = "";
}

if (isset($_SESSION['map_user_type'])) {
    $user_type = $_SESSION['map_user_type'];
} else {
    $user_type = "";
}

if (isset($_SESSION['map_user_image'])) {
    $user_image = $_SESSION['map_user_image'];
} else {
    $user_image = "";
}

if (isset($_SESSION['user_image'])) {
    $user_document = $_SESSION['user_image'];
} else {
    $user_document = "";
}
?>
```

5.8 Menu List

```
<?php
include './dbconfigur.php';
if (!empty($user_id)) {
    $error = "";

    if (isset($_GET['id']) && !empty($_GET['id'])) {
        $user_id = mysql_real_escape_string($_GET['id']);
        $sql = "DELETE FROM resturent_menu WHERE id='" . $user_id . "'";
        $result = mysql_query($sql);
        $valueInsert = (int) $result;
        if ($valueInsert > 0) {
            header("location:menu_list.php?status=success");
        } else {
            $error = "User has not been deleted.";
        }
    }
    ?>
    <html>
        <head>
            <title>Menu List- Johnny on the Spot</title>
            <?php include 'title.php'; ?>
        </head>
```

```
<body>
    <?php
    include 'header.php';
    ?>
    <header id="head" class="secondary">
        <div class="container">
            <div class="row">
                <div class="col-sm-8">
                    <h1>Menu List</h1>
                </div>
            </div>
        </div>
    </header>
    <div class="container">
        <div class="row">
            <div class="col-md-3">
                <div class="title-box clearfix"> <br/><br/></div>
                <?php
                include './leftmenu.php';
                ?>
            </div>
            <div class="col-md-8">
                <div class="title-box clearfix"> <br/><br/></div>
```

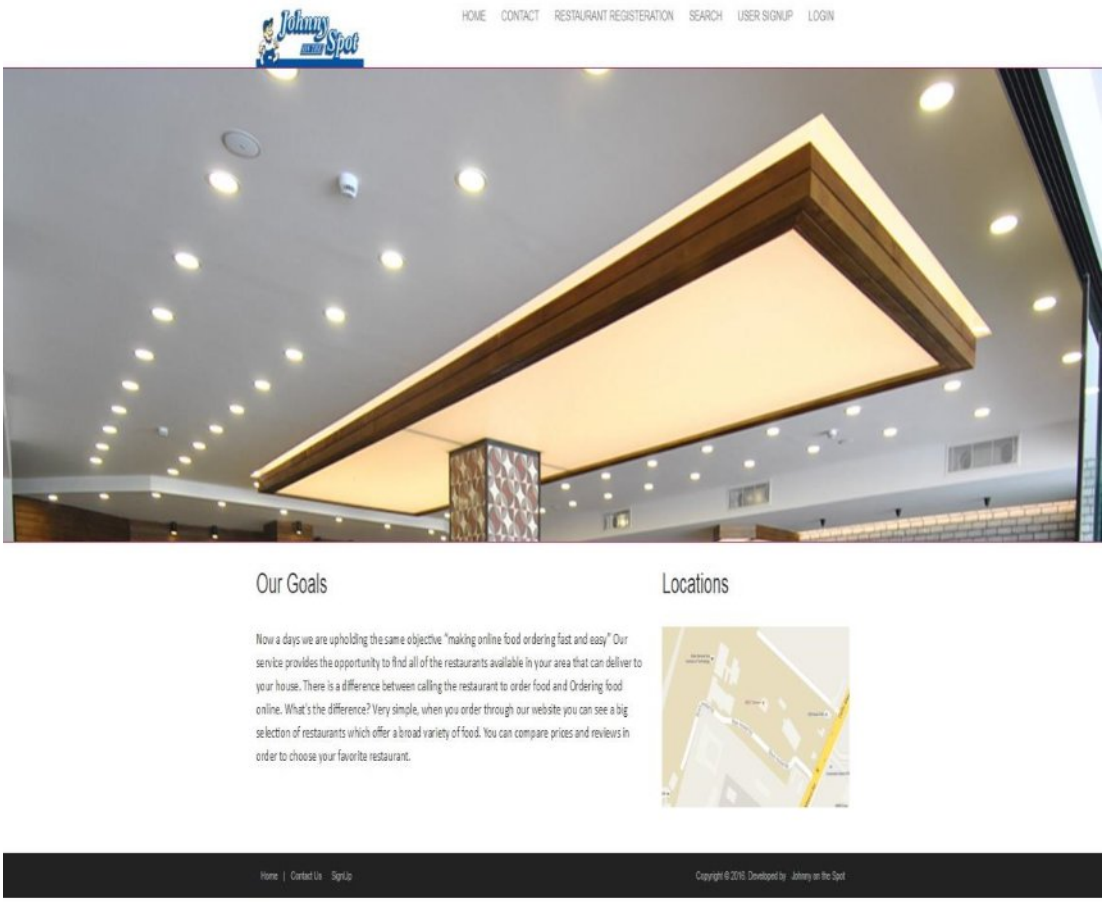
```
                <form class="form-light mt-20" role="form" method="post" action="menu_list.php">
                    <table class="table_list">
                        <?php
                        if (isset($_GET['status']) && $_GET['status'] == "success") {
                            echo '<tr><td colspan="4">Menu has been successfully deleted.</td></tr>';
                        }
                        if (!empty($error)) {
                            echo '<tr><td>' . $error . '</td></tr>';
                        }
                        ?>
                        <tr>
                            <td class="grid_heading">S.No</td>
                            <td class="grid_heading">Meal Name</td>
                            <td class="grid_heading">Price</td>
                            <td class="grid_heading">Meal Details</td>
                            <td class="grid_heading">Meal Image</td>
                            <td class="grid_heading">Delete</td>
                        </tr>
                        <?php
                        $i = 0;
                        $sql_contact = "SELECT * FROM resturent_menu WHERE resturent_id = '".$user_id."' ORDER BY resturent_id ASC";
```

```
$res_contact = mysql_query($sql_contact);
if (mysql_num_rows($res_contact) > 0) {
   while ($row = mysql_fetch_array($res_contact)) {
      $i++;
      ?>
      <tr>
         <td class="grid_label"><?php echo $i; ?></td>
         <td class="grid_label"><?php echo $row['meal_name'] ?></td>
         <td class="grid_label"><?php echo $row['price'] ?></td>
         <td class="grid_label"><?php echo $row['meal_deteails'] ?></td>
         <td class="grid_label"><img src="<?php echo $row ['meal_img'] ?>" height="80"/></td>
         <td class="grid_label"><a href="menu_list.php?id=<?php echo $row ['id']; ?>">Delete</a></td>
      </tr>
      <?php
   }
} else {
   echo '<tr><td colspan="7">Data not found.</td></tr>';
}
?>
```

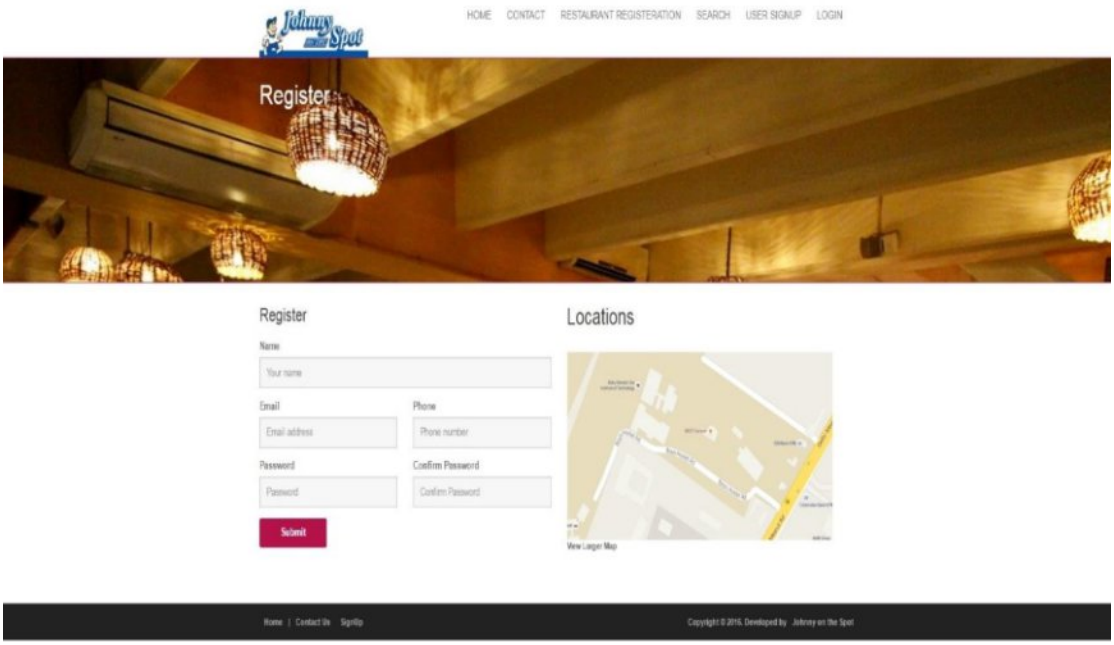
```
                    </table>
                </form>
            </div>
        </div>
    </div>
    <?php
    include 'footer.php';
    ?>
  </body>
</html>
<?php
} else {
    header("location:login.php?msg=login");
    ob_flush();
}
?>
```

6. SNAPSHOTS

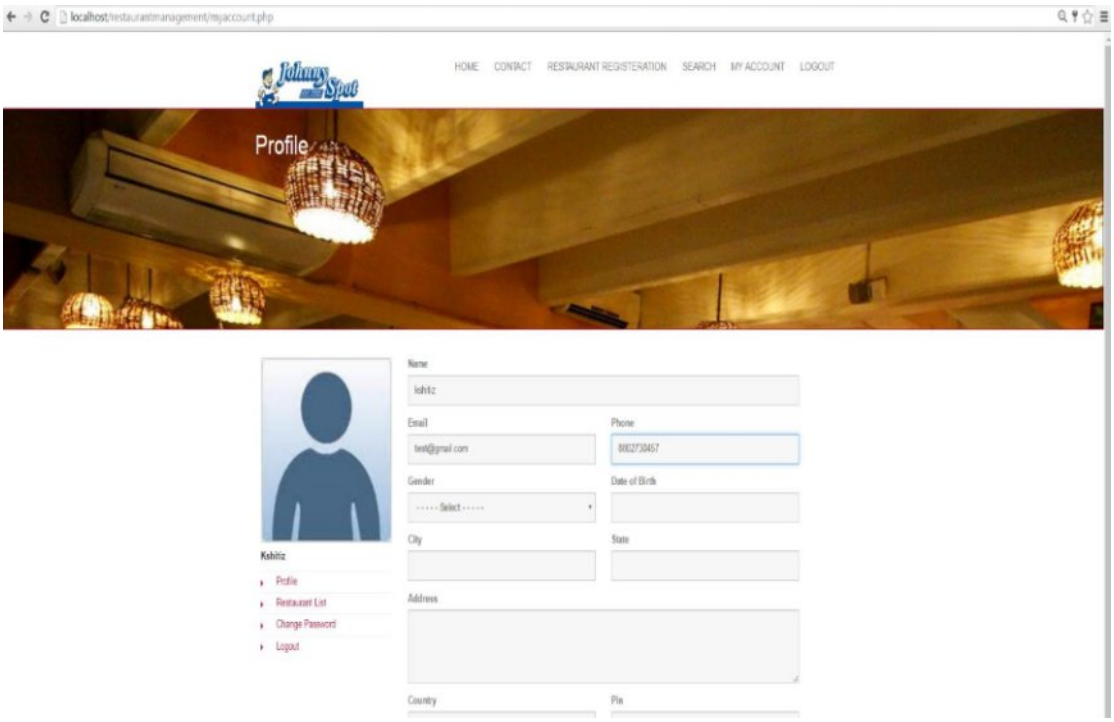
6.1 Home Page



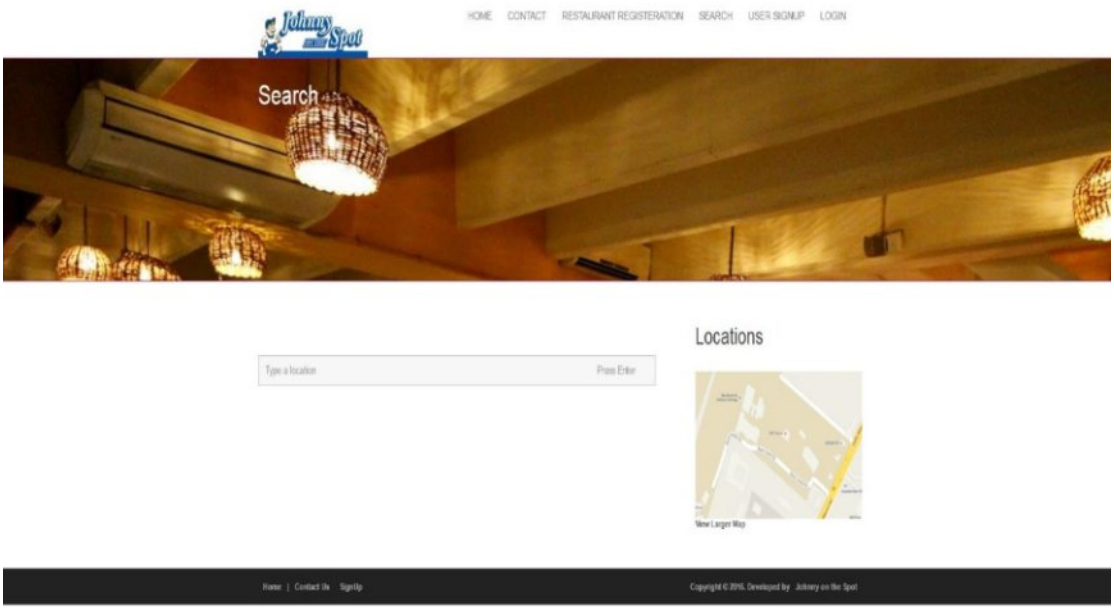
6.2 User Signup



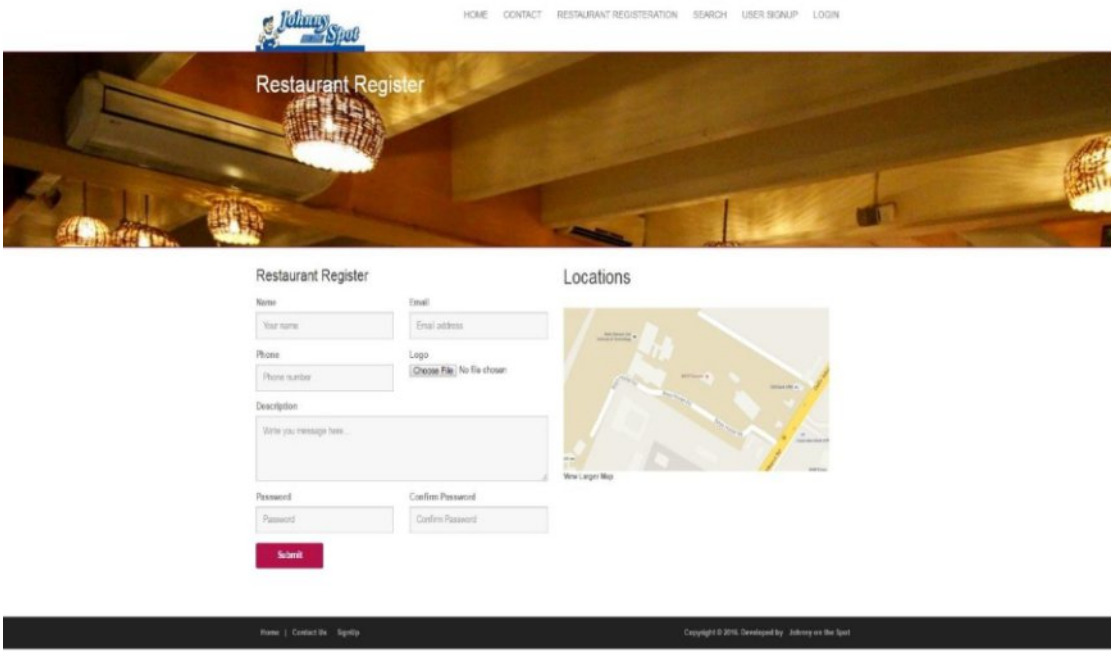
6.3 User Homepage



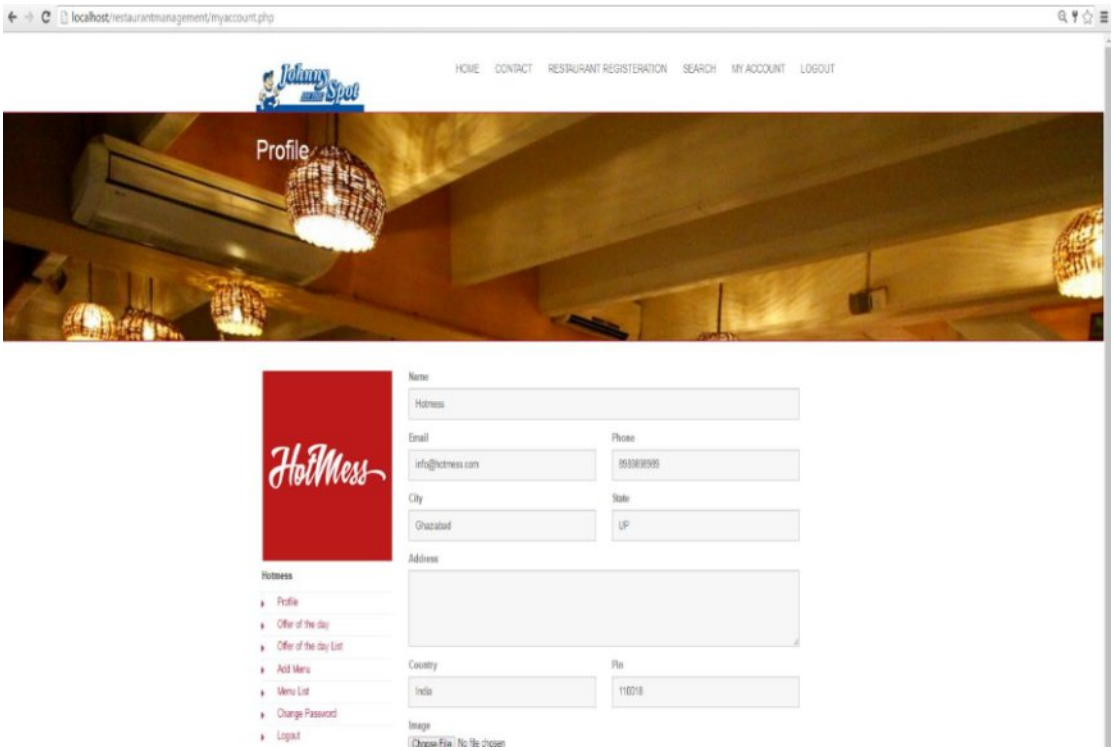
6.4 Search



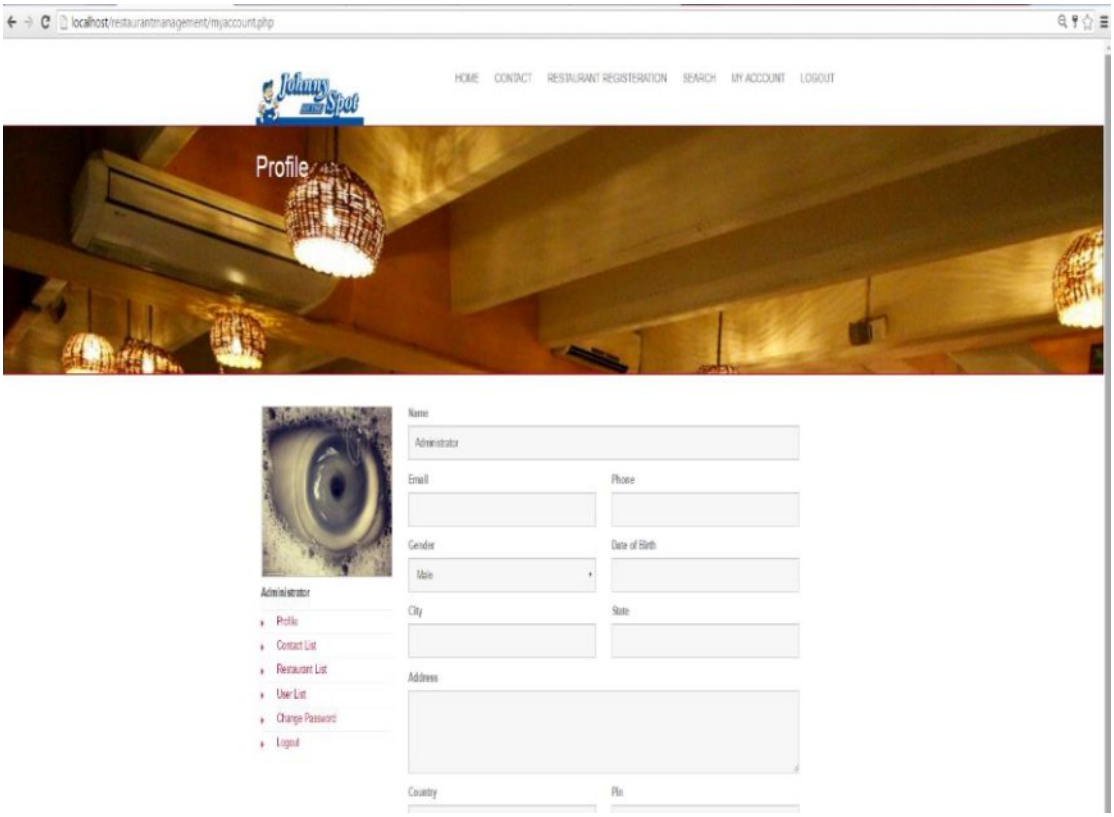
6.5 Restaurant Signup



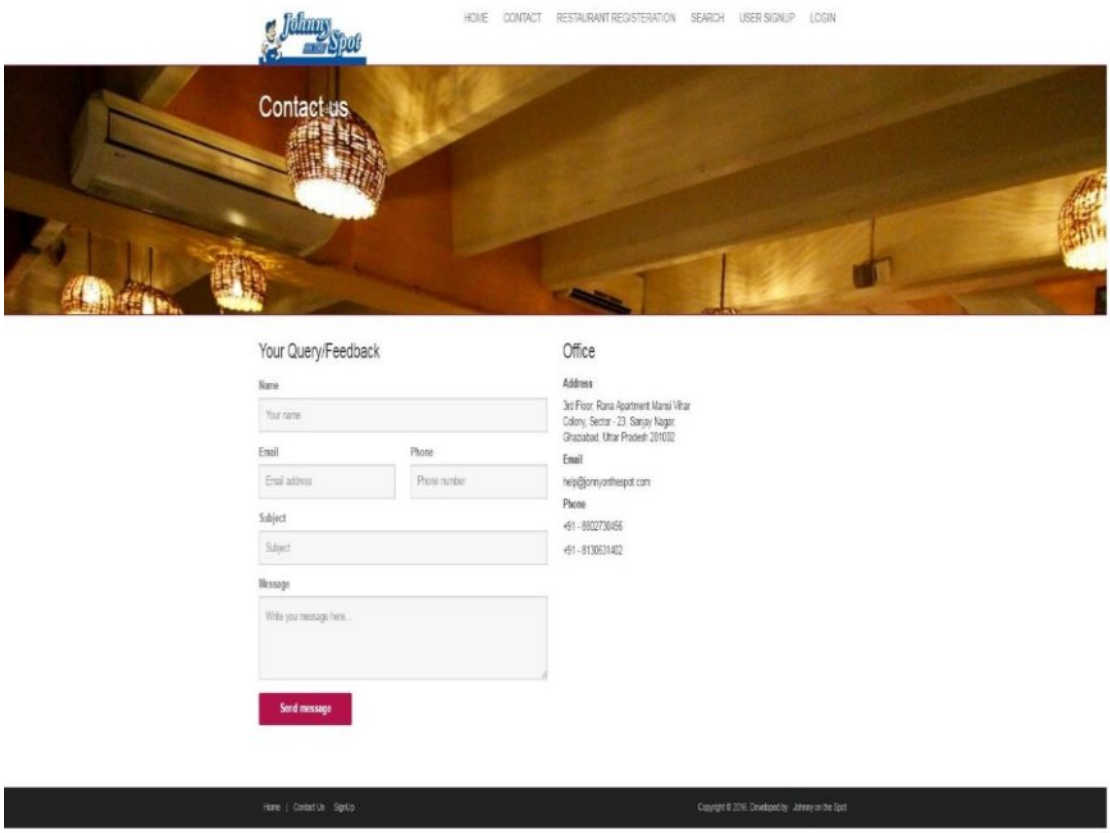
6.6 Restaurant Homepage



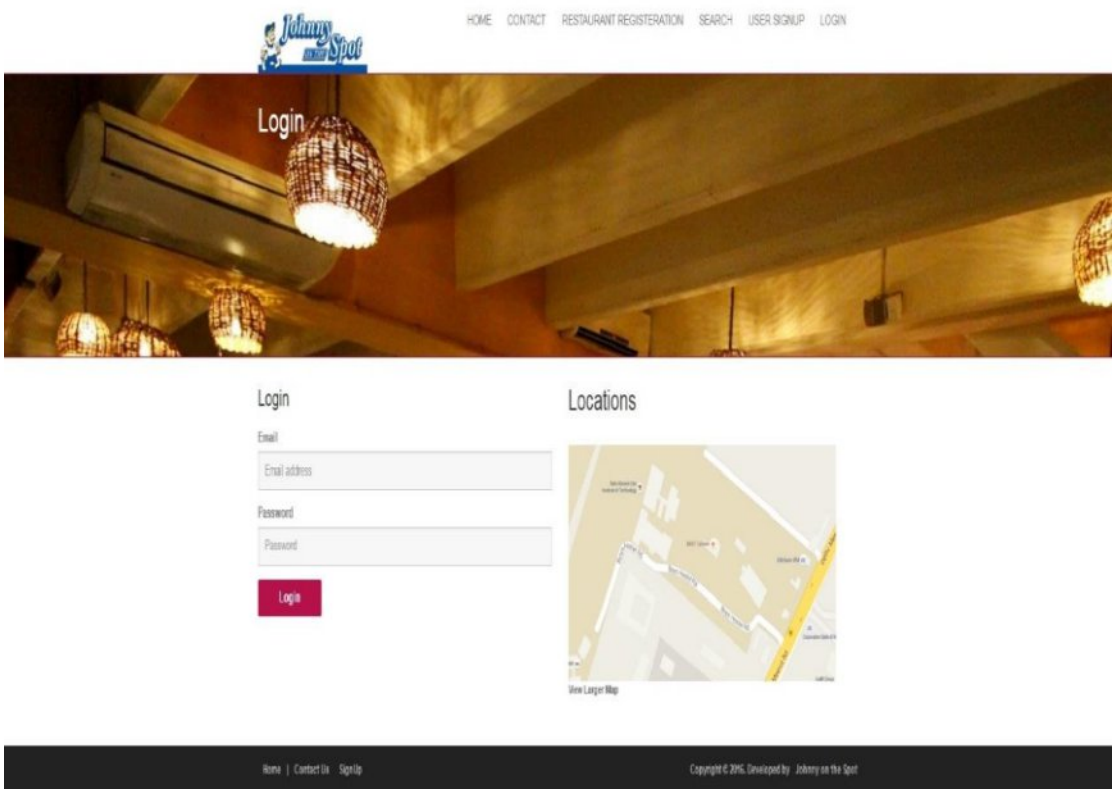
6.7 Admin Homepage



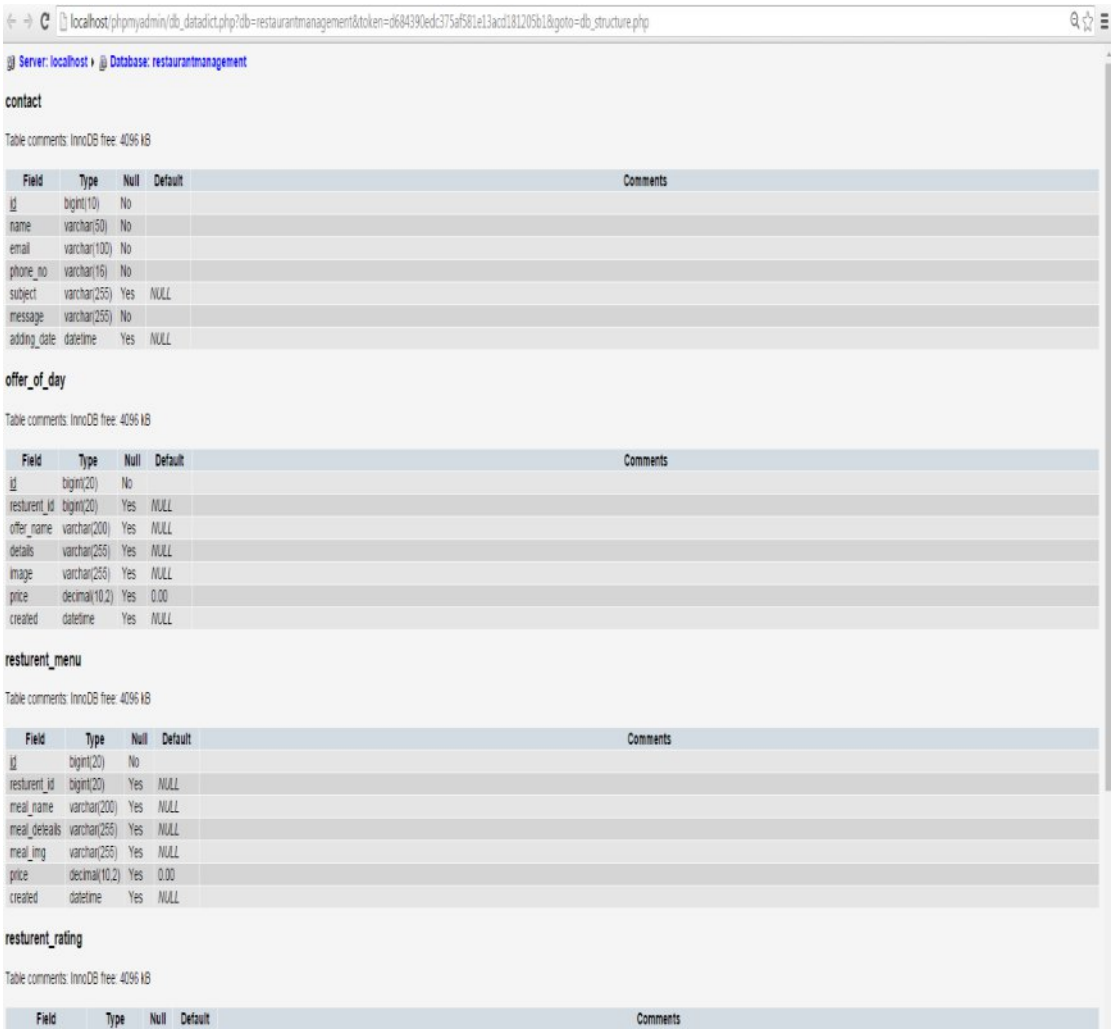
6.8 Contact Us



6.9 Login Page



6.10 Database



localhost/phpmyadmin/db_datadict.php?db=restaurantmanagement&token=d684390edc375af581e13acd181205b1&goto=db_structure.php

Server: localhost » Database: restaurantmanagement

contact

Table comments: InnoDB free: 4096 kB

Field	Type	Null	Default	Comments
id	bigint(10)	No		
name	varchar(50)	No		
email	varchar(100)	No		
phone_no	varchar(15)	No		
subject	varchar(255)	Yes	NULL	
message	varchar(255)	No		
adding_date	datetime	Yes	NULL	

offer_of_day

Table comments: InnoDB free: 4096 kB

Field	Type	Null	Default	Comments
id	bigint(20)	No		
resturent_id	bigint(20)	Yes	NULL	
offer_name	varchar(200)	Yes	NULL	
details	varchar(255)	Yes	NULL	
image	varchar(255)	Yes	NULL	
price	decimal(10,2)	Yes	0.00	
created	datetime	Yes	NULL	

resturent_menu

Table comments: InnoDB free: 4096 kB

Field	Type	Null	Default	Comments
id	bigint(20)	No		
resturent_id	bigint(20)	Yes	NULL	
meal_name	varchar(200)	Yes	NULL	
meal_deteails	varchar(255)	Yes	NULL	
meal_img	varchar(255)	Yes	NULL	
price	decimal(10,2)	Yes	0.00	
created	datetime	Yes	NULL	

resturent_rating

Table comments: InnoDB free: 4096 kB

Field	Type	Null	Default	Comments

7. APPENDICES

7.1. Appendix-A References:

Books:

- Web Development – Duane K. Fields
- Software Testing Techniques, Second Edition – Boris Beizer
- Software Engineering Tata McGraw- Hills-Rogers, Pressman
- Database System Concepts 6th edition by Henry F. Korth pdf
- Software requirements Specification book by R. S. Pressman.

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- www.tutorialspoint.com
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