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1 INTRODUCTION

According to a report, up to 40 per cent of the food produced in India is bound to get wasted. About 21 million tons of India's entire wheat produce are wasted and 50 per cent of all the food across the world meets the same fate. Such a situation raises a concern that food 'never reaches the needy'. In fact, according to the agriculture ministry, Rs 50,000 crores worth of food produced is wasted every year in the country. Over 20 Crores of people sleep hungry every night. Over 7000 people die of hunger every day.

Food Rescue is the idea which we got by seeing the lot food which is waste our Surroundings. The usable food from our surroundings such as parties, functions, grocers, restaurants and other food industries are wasting the food every day. We also noticed that the fruits and vegetables which are wasted in our surroundings because if the fruit or the vegetable is not in shape for the super markets, but they are good to consume. Because of the only reason it's not in the stipulated dimensions it has been thrown away from in the farm.

By seeing the food which is getting waste we have come up with an idea. To build the system which helps to get the usable food which is wasted to one place. Then the nearby volunteers can reach out to them and get the food and to serve the needy.

This project consists of a register module, in which the donors can register themselves in order to access the application, Login module in which the authenticated users are allowed to access the application every time they try to access the application, donation module for donating the food and admin module for checking the donated food details and to track them.

Getting the usable food to one place helps the organization to make use of that food and give the person who is not able to get the food.

FOOD RESCUE APPLICATION

1.1 OBJECTIVES

Food Rescue connects donations directly to social service organizations that can put this food to great use.

- Food businesses, other individuals can register to become Food Donors.
- Donations are made by entering details of food available, along with the location and pickup time (time will be approximate time).
- Charities and non-profit organizations with food programs can reach out to us as food rescuers. Then the food which is collected by us will be delivered to them.
- To create the awareness about the food and food rescue.
- The objective of this project to create a warehouse for the food collected and the collected food to serve the hungry stomach. No one should sleep hungry is the main motto.

1.2 SCOPE

The Food Rescue Application provides the users to Register themselves and login to the system and it allows users to enter the rescue details. The Admin can able to see the user details and the rescue details. He can able to filter the rescue details based on the time and date.

The project is aimed to provide a central place for organizing, planning and tracking projects that are developed in a distributed environment. It therefore is a web application that should be compatible with majority of browsers to provide user friendly Interface for project administrator, project leaders and project members working far apart all around the world.

- This system is very reliable with good GUI and robust processing.
- Provides attractive and user friendly screens.
- The system enables the user to rescue the usable food.

2 HARDWARE AND SOFTWARE REQUIREMENTS

2.1 Hardware Specification

- Processor : x86 compatible Processor with 2.0 GHz clock
- Memory : 2GB RAM or more
- Hard disk : 100GB or more
- Monitor :15” CRT, or LCD monitor
- Key Board : 104 keys
- Mouse :2/3 buttons

2.2 Software Specification

- Operating System : Windows xp, 7 or above
- Front End : PHP 7.1
- Back End : PHP MYSQL 5.5
- Tools Used :Sublime text, XAMPP sever
- Browser : Safari, Chrome, Internet Explorer or any other
- Text Editor : Notepad++

3 SYSTEM REQUIREMENT SPECIFICATIONS

3.1 FUNCTIONAL REQUIREMENTS

A functional requirement in system engineering and software development is a document that specifies the functions that a system or component must perform.

3.2 MODULES DESCRIPTION

3.2.1 Register Module

The registration function shall allow users to create secure accounts. The account will track the user's name, mobile number, email id and password.

This provides security to the account member by setting up an account that is password protected. This also offers convenience so the user only has to enter the information listed above once and then it is stored in the account.

3.2.2 Login Module

The account login function shall allow account members to enter their user name and password. Once verified, users will be able to access account, add the rescue details, and view the rescue history. This provides a method by which the users can access the restricted operations.

3.2.3 Admin module

This module allows admin to see the user's information. He can see the food rescue information and inform to the nearby volunteers to collect the food. The food which is collected by the volunteer's is provided to the nearby orphanages and other people who can't afford their food.

The admin can able to view the rescue details based on the date and time filter. And also he can able to view the complete details about the users which are registered into the system.

3.2.4 Donor module

The donor module registered and authenticated users to enter the rescue details. The user needs to enter the food type, quantity, expire time, address and food name information in order to rescue the food.

3.2.5 Home page

In the home page the guest user without registering to the system he can able to view all the sub modules which comes under this page. The modules such as the challenge, solution for the challenge, about us, contact us, FAQ etc. From the home page the user able to login or register to our application.

3.3 NON-FUNCTIONAL REQUIREMENTS

Usability requirements

The system should have an attractive, user friendly and interactive graphical user interface and it should be easy to use even with the person with least knowledge of computers.

Reliability requirements

The Performance and response rate of the system should remain constant even as the number of concurrent users or data levels increase. Architecture used to build the system should be flexible enough to allow integration with other systems if need be in the future.

Security requirements

This system must be highly secured in the login part. This is because some of the privileges are only allowed for the admin level.

Portability requirements

The system needs to be portable on all major platforms. This system should not be restricted by any specific technology such as database and operating system.

4 SYSTEM ANALYSIS

4.1 EXISTING SYSTEM

The complete food rescuing process is done manually. Only some amount of food can be rescued. If there is a food which needs to be rescued only some amount of people will be benefited from that if there is no one in need of the food in the locality the food will be wasted. By this application we can increase the amount of beneficiaries from the food rescue.

4.1.1 LIMITATIONS OF EXISTING SYSTEM

- Work is done manually by all the faculties in maintaining database.
- Time consuming.
- Number of beneficiaries are less.
- Limited to the particular locality.

4.2 PROPOSED SYSTEM

- Provides the easy rescue of the food without any manual process.
- Gives the complete data about the food which needs to be rescued so that the beneficiaries can benefit easily.
- Provides a user friendly interface. So that with less computer knowledge the user can able to use this application.
- Provides the central data base about the users who are willing to participate in the social activities.
- Helps to generate a social awareness about the people regarding the food donation, food rescue and the importance of the food.

4.2.1 ADVANTAGES OF PROPOSED SYSTEM

- Overall process will easy and less time consuming.
- Food rescuer will have less work to do in order to rescue the food.
- Beneficiaries will be more compared to existing system.

5 SYSTEM DESIGN

System Design is a modelling process. It can be defined as a transaction from user's view to programmers or the database view.

The term design is used in two ways:

- Used as noun
- Represents the result of the design process

5.1 CONTEXT DESIGN / LEVEL 0 DIAGRAM

The context diagram shows the system under consideration as a single high-level process and then shows the relationship that system has with other external entities. It is also called as Level 0 diagram.

5.2 ZERO LEVEL DFD



FIG1.1 Context diagram of the system

5.3 USE-CASE DIAGRAM

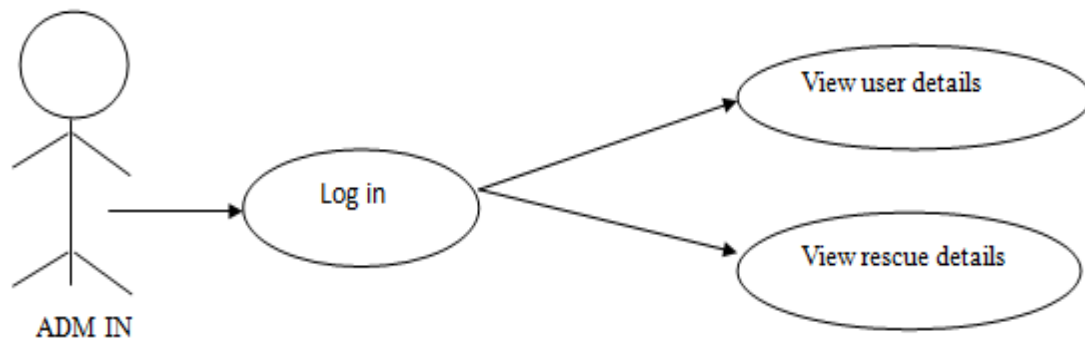


FIG 1.2 Use Case Diagram of Admin

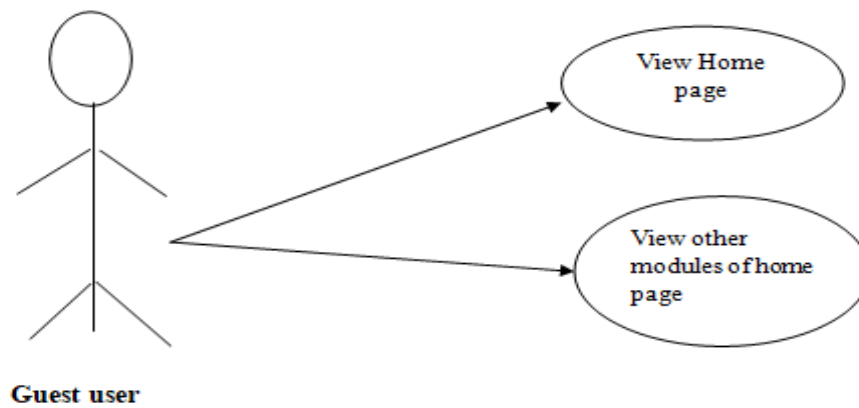


FIG 1.3 Use Case Diagram of Guest

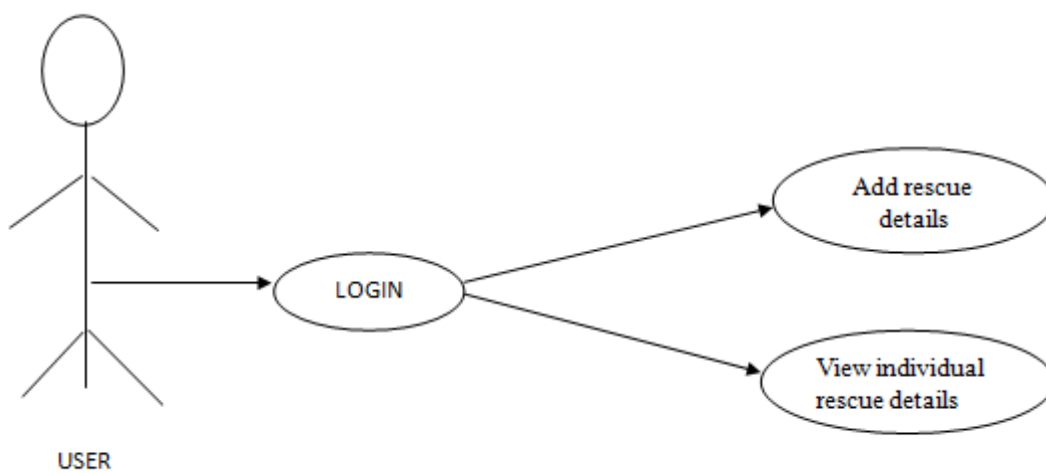


FIG 1.4 Use Case Diagram of User

5.4 ENTITY-RELATIONSHIP DIAGRAM

The E-R data model is based on the perception of a real world, which consists of a set of basis objects called entities and relationships. This entity relationship modelling, along with sophisticated case tools can provide an effective and timely means of defining, controlling and definition of information needs. This diagram models the data and depicts how the business views its structure. An entity is defined as an item of interest to the enterprise. These must have occurrences, which can be uniquely identified from each other.

5.4.1 E-R DIAGRAM

Entity relationship diagram displays the relationships of entity set stored in a database. In this application we have 2 tables they are Rescue details and User details. Rescue details consist of 8 attributes and user details consist of 4 attributes.

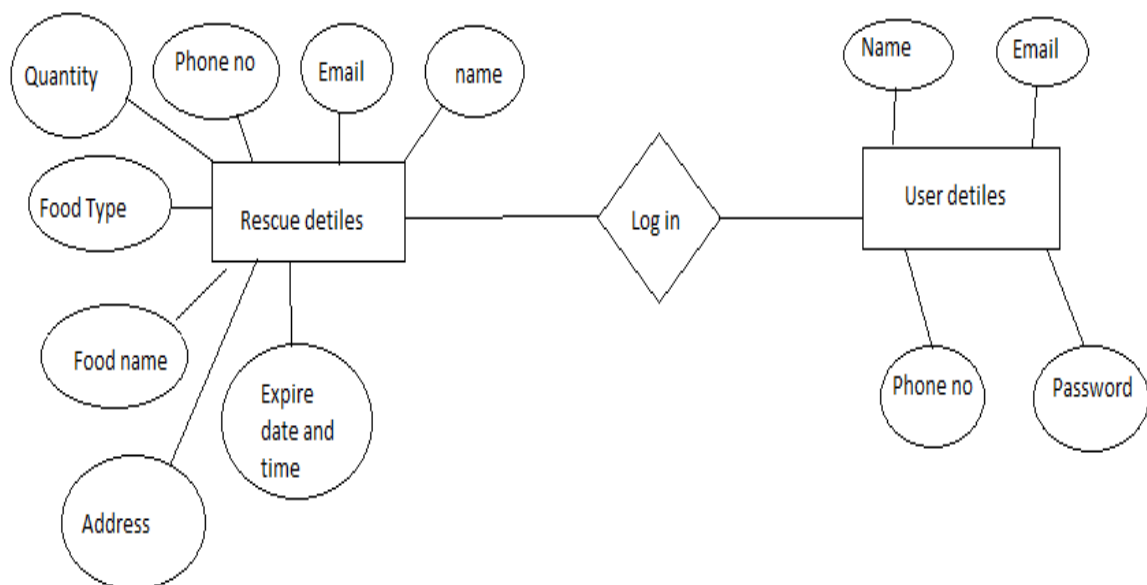


FIG 1.5 ER Diagram of Food Rescue

6 IMPLEMENTATION

Home page.html

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head>

<title>Food Rescue</title>

<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />

<link href="css/style1.css" rel="stylesheet" type="text/css"/>

<script type="text/javascript"
src="http://ajax.googleapis.com/ajax/libs/jquery/1.7.2/jquery.min.js"></script>

<script src="http://ajax.aspnetcdn.com/ajax/jquery.ui/1.8.9/jquery-ui.js"
type="text/javascript"></script>

<link href="http://ajax.aspnetcdn.com/ajax/jquery.ui/1.8.9/themes/blitzer/jquery-ui.css"
rel="stylesheet" type="text/css" />

<script type="text/javascript">

    $(function () {

        $("#divpop1").dialog({

            modal: true,

            autoOpen: false,

            title: "Food Rescuer",

            width: 350,

            height: 250,

        });

        $("#btn1").click(function () {

            $('#divpop1').dialog('open');

        });

        $("#divpop2").dialog({

            modal: true,

            autoOpen: false,
```

FOOD RESCUE APPLICATION

```
        title: "Food Donor",
        width: 350,
        height: 250,
    });

    $("#btn2").click(function () {
        $('#divpop2').dialog('open');
    });

    $("#divpop3").dialog({
        modal: true,
        autoOpen: false,
        title: "Receiving Organisations",
        width: 350,
        height: 250,
    });

    $("#btn3").click(function () {
        $('#divpop3').dialog('open');
    });
});

</script>

</head>

<body>

<div class="header1">

    <a href="Home.html" class="logo"></a>

    <a href="" class="social"></a>
    <a href="" class="social"></a>
    <a href="" class="social"></a>
    <a href="" class="social"></a>

</div>
```

FOOD RESCUE APPLICATION

```
<div class="header">

<div class="header-right">

  <a href="challenge.html">The Challenge</a>

  <a href="solution.html">The Solution</a>

  <a href="aboutus.html">About us</a>

  <a href="contactus.html">Contact us</a>

  <a href="login.php">Login</a>

  <a href="register.php">Join now</a>

</div>

</div>

<div class="Content" style="max-width:100%">

  <div class="centered"> You're in the right place to end hunger </div>

</div>

<script>

var myIndex = 0;

carousel();

function carousel() {

  var i;

  var x = document.getElementsByClassName("mySlides");

  for (i = 0; i < x.length; i++) {

    x[i].style.display = "none";

  }

  myIndex++;

  if (myIndex > x.length) { myIndex = 1 }

  x[myIndex-1].style.display = "block";

  setTimeout(carousel, 3000); // Change image every 2 seconds
```

FOOD RESCUE APPLICATION

```
}
</script>

<div class="container1">

<h1 style="font-size:38px; color: #FF6347;"> The simple solution to ending local hunger and
reducing food waste </h1>

<p style="font-size:25px;"> Food Rescue is committed to ending Indian food insecurity by
directly transferring fresh, usable food that would have otherwise been thrown away from
parties, farmers, grocers, restaurants, and other food industry sources to food insecure
families throughout the India.</p>

</div>

<div style="font-size:50px;text-align: center;font-family: Bookman;padding: 10px;
background-color:#FFC0CB;">

  Get involved

<p style="font-size:30px; background-color:#FFC0CB;">

Whether you are a food donor, a volunteer food rescuer, or a receiving agency, the future of
the food rescue movement fits in the palm of your hand.

</p>

</div>

<div class="row"><center>

  <div class="column" style="background-color:#FFC0CB;">

    <h2 style="font-size: 30px;">Food Donor</h2>

    </img><br>

    <button type="button" id="btn1"> Learn more </button>

    <div id="divpop1" style="display:none" align="enter">Turn your surplus food into meals
for your hungry neighbors.

      Local volunteer Food Rescuers pick up your donated food and deliver it directly to a local
Receiving Agencies.

      Create a regular donation schedule or donate last minute, whatever works best for you.

      Simply register as a Food Donor on our app and you are good to start.</div>

    </div>

    <div class="column" style="background-color:#FFC0CB;">

      <h2 style="font-size: 30px;">Food Rescuer</h2>
```

FOOD RESCUE APPLICATION

<button type="button" id="btn2"> Learn more </button>

<div id="divpop2" style="display:none" align="enter">Pick up surplus food from our Food Donors (grocers, restaurants, etc.) and deliver it directly to local Receiving Agencies (community kitchens, food pantries, etc.) that feed our hungry neighbors.

In your own vehicle and on your own time, it typically takes only about 30 minutes to complete this incredibly rewarding and essential mission.

Get started on the app to see the complete schedule of local food rescue opportunities.</div>

</div><div class="column" style="background-color:#FFC0CB;">

<h2 style="font-size: 30px;">Receiving Organisations</h2>

<button type="button" id="btn3"> Learn more </button>

<div id="divpop3" style="display:none" align="enter">Our goal is to provide you more fresh food for your clients than you ever thought possible.

Local volunteer Food Rescuers deliver healthy food from local Food Donors such as grocers and restaurants right to your door.

All you need to do is let us know the types of foods you need and the best times to receive it.

Get started on the app and we will find just the right food for you.</div></center>

</div></div>

<div class="row">

<div class="column1">

<h2>Address</h2>

<p>

Sir M Visvesvaraya Institute of Technology,
Krishnadevaraya Nagar,
Hunasamaranahalli,
 International Airport Road, Bangalore - 562157</p>

</div>

<div class="column1">

<ul class="footerlist" style="list-style: none;">

About

Contact us

FOOD RESCUE APPLICATION

```
<li><a href="faq.html">FAQ</a></li>

<li><a href="challenge.html">The Challenge</a></li>

<li><a href="solution.html">The Solution</a></li>

</ul>

</div>

<footer style="background-color: #F9F8F6; padding: 10px;"><center>&copy; Copyright
2019 FoodRescue.in </center></footer>

</body>

</html>
```

Login.php

```
<?php
session_start();//starting the session
require 'dbconfig/dbconfig.php'; // adding the db config file
?>

<html>
<style>
*{
    margin: 0;
    padding: 0;
    font-family: sans-serif;
}
main{
    height: 100vh;
    background-image: url("images/log2.jpg");
    background-size: cover;
}
#container{
    width: 350px;
```


FOOD RESCUE APPLICATION

```
height: 500px;

background: inherit;

position: absolute;

overflow: hidden;

top: 50%;

left: 50%;

margin-left: -175px;

margin-top: -250px;

border-radius: 8px;

}

#container:before{

width: 400px;

height: 550px;

content: "";

position: absolute;

top: -25px;

left: -25px;

bottom: 0;

right: 0;

background: inherit;

box-shadow: inset 0 0 0 200px rgba(255,255,255,0.2);

filter: blur(10px);

}

form img{

width: 120px;

height: 120px;

border-radius: 100%;

}

form{
```

FOOD RESCUE APPLICATION

```
text-align: center;

position: absolute;

left: 50%;

top: 50%;

transform: translate(-50%,-50%);

}

input{

background: 0;

width: 200px;

outline: 0;

border: 0;

border-bottom: 2px solid rgba(255,255,255, 0.3);

margin: 20px 0;

padding-bottom: 10px;

font-size: 18px;

font-weight: bold;

color: rgba(255,255,255, 0.8);

}

input[type="submit"]{

border: 0;

border-radius: 8px;

padding-bottom: 0;

height: 60px;

background: #df2359;

color: white;

cursor: pointer;

transition: all 600ms ease-in-out;

}

input[type="submit"]:hover{
```

FOOD RESCUE APPLICATION

```
background: #C0392B;
}
span a{
color: rgba(255,255,255, 0.8);
}
</style>
<body><main>
<div id="container">
<form action="login.php" method="POST">
<br>
<input type="email" placeholder="Email" name="Email" required><br>
<input type="password" placeholder="Password" name="password" required><br>
<input type="submit" value="LOG IN" name="login"><br>
<a style="color:black;" href="register.php">CREATE ACCOUNT</a>
</form>
<?php
if(isset($_POST['login']))
{
$email = $_POST['Email'];
$password = $_POST['password'];
if($email == 'admin@fr.com' && $password == 'admin')
{
header('location: admin.php');
}else
{
$query = "select * from users where email='$email' AND password='$password'";
$query_run= mysqli_query($con,$query);
$row = mysqli_fetch_assoc($query_run);
$_SESSION['username']=$row['name'];
```

FOOD RESCUE APPLICATION

```
echo $_SESSION['username'];

if (mysqli_num_rows($query_run)==1)
{
    echo '<script type="text/javascript"> alert("Login successful") </script>';
    echo $row['name'];
    header('location: userhome.php');
}else
{
    echo '<script type="text/javascript"> alert("Invalid login credentails") </script>';
}
}
}
?>

</div>

</main>

</body></html>
```

Register.php

```
<?php

session_start();//starting the session

require 'dbconfig/dbconfig.php'; // adding the db config file

?>

<html>

<style>

*{

    margin: 0;

    padding: 0;

    font-family: sans-serif;

}

main{
```

FOOD RESCUE APPLICATION

```
height: 100vh;

background-image: url("images/log2.jpg");

background-size: cover;

}

#container{

width: 350px;

height: 600px;

background: inherit;

position: absolute;

overflow: hidden;

top: 50%;

left: 50%;

margin-left: -175px;

margin-top: -300px;

border-radius: 8px;

}

#container:before{

width: 500px;

height: 550px;

content: "";

position: absolute;

top: -2px;

left: -25px;

bottom: 0;

right: 0;

background: inherit;

box-shadow: inset 0 0 0 300px rgba(300,290,300,0.2);

filter: blur(10px);

}
```

FOOD RESCUE APPLICATION

```
form img{
  width: 120px;
  height: 120px;
  border-radius: 10%;
}
form{
  text-align: center;
  position: absolute;
  left: 50%;
  top: 50%;
  transform: translate(-50%,-50%);
}
input{
  background: 0;
  width: 200px;
  outline: 0;
  border: 0;
  border-bottom: 2px solid rgba(255,255,255, 0.3);
  margin: 20px 0;
  padding-bottom: 10px;
  font-size: 15px;
  font-weight: bold;
  color: rgba(255,255,255, 0.8);
}
input[type="submit"]{
  border: 0;
  border-radius: 8px;
  padding-bottom: 0;
  height: 50px;
```

FOOD RESCUE APPLICATION

```
background: #df2359;

color: white;

cursor: pointer;

transition: all 60ms ease-in-out;

}

}

input[type="submit"]:hover{

    background: #C0392B;

}

}

</style>

<body><main>

<div id="container">

    <form action="register.php" method="POST">

        <br>

        <input type="text" placeholder="Name" name="Name" required><br>

        <input type="email" placeholder="Email" name="Email" required><br>

        <input type="text" placeholder="Phonenumber" name="Phonenumber" required><br>

        <input type="password" placeholder="Password" name="password" required><br>

        <input type="password" placeholder="ConfirmPassword" name="conpassword"
required><br>

        <input type="submit" value="REGISTER" name="register"><br>

        <a style="color:red;" href="login.php">Already Register Login</a>

    </form>

<?php

if(isset($_POST['register']))

{

//Declaring variables

$name = $_POST['Name'];
```

FOOD RESCUE APPLICATION

```
$email = $_POST['Email'];
$phone = $_POST['Phonenumber'];
$pwd = $_POST['password'];
$conpwd = $_POST['conpassword'];
if($pwd == $conpwd)
{
    $query = "select email, phone from users where email='$email' OR phone='$phone'";
    $query_run= mysqli_query($con,$query);
    if (mysqli_num_rows($query_run)>0)
    {
        echo '<script type="text/javascript"> alert("User already registerd") </script>';
    }else
    {
        $query = "insert into users (name,email,phone,password) values
('$name','$email','$phone','$pwd)";
        $query_run= mysqli_query($con,$query);
        if ($query_run)
        {
            echo '<script type="text/javascript"> alert("Thanks for registering with food
rescue.")</script>';
            header('location: login.php');
        }
    }
}else
{
    echo '<script type="text/javascript"> alert("Password and confirm password is not
matching") </script>';
}
?>
</div>
```


FOOD RESCUE APPLICATION

```
</main>
</body></html>
</style>
</html>
```

Userhome.php

```
<?php
session_start();//starting the session
require 'dbconfig/dbconfig.php'; // adding the db config file
?>
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
</head>
<style>
input[type=text], input[type=datetime-local], select {
    width: 100%;
    padding: 12px 20px;
    margin: 8px 0;
    display: inline-block;
    border: 1px solid #ccc;
    border-radius: 4px;
    box-sizing: border-box;
}
input[type=submit], button {
    width: 100%;
    background-color: #4CAF50;
    color: white;
    padding: 14px 20px;
```

FOOD RESCUE APPLICATION

```
margin: 8px 0;

border: none;

border-radius: 4px;

cursor: pointer;

}

input[type=submit]:hover, button:hover {

background-color: #45a049;

}

div {

border-radius: 5px;

background-color: #f2f2f2;

padding: 20px;

width: 500px;

}

h1 {

color: #7c795d;

font-family: 'Trocchi', serif;

font-size: 45px;

font-weight: normal;

line-height: 48px;

margin: 0;

}

h2 {

font-family: 'Open Sans', sans-serif;

}

</style>

<body>

<h2 style="text-align-last: right; padding: 10px"> Welcome <?php echo
$_SESSION['username']; ?><br><a href="rescuedetails.php">Rescue History </a><br><a
href="Home.html">logout </a></h2>
```

FOOD RESCUE APPLICATION

<center><h1> Please enter the Food details </h1>

<?php

\$name = \$_SESSION['username'];

\$query = "select * from users where name='\$name'";

\$query_run= mysqli_query(\$con,\$query);

\$row = mysqli_fetch_assoc(\$query_run);

\$_SESSION['email'] = \$row['email'];

\$_SESSION['phone'] = \$row['phone'];

\$email = \$row['email'];

\$phone = \$row['phone'];

?>

<div>

<form action="userhome.php" method="POST">

<table>

<tr><td>User name:</td><td><input type="text" name="uname" disabled="true" value="<?php echo \$name;?>">

</td></tr>

<tr><td>Email:</td><td><input type="text" name="email" disabled="true" value="<?php echo \$email;?>">

</td></tr>

<tr><td>Mob number:</td><td><input type="text" name="phone" disabled="true" value="<?php echo \$phone;?>">

</td></tr>

<tr><td>Food type:</td><td>

<select name="foodtype" class="foodtype">

<option value="Vegitables">Vegitables</option>

<option value="Food">Food</option>

<option value="Fruits">fruits</option>

</select>

</td></tr><tr><td>

Food Name:</td><td> <input type="text" name="foodname" id="fn" required>

</td></tr><tr><td>

Quantity(in kg): </td><td><input type="text" name="Quantity" id="qa" required>

FOOD RESCUE APPLICATION

```
<br><br></td></tr><tr><td>
    <b>Expire Date/time: </b></td><td><input type="datetime-local" name="Expiretime"
id="ex" required>
    <br><br> </td></tr><tr><td>
    <b>Address: </b></td><td><textarea rows="4" cols="30" name="address" id="ad"
required></textarea>
    <br><br></td></tr><tr><td>
    <input type="submit" name="rescue" value="Submit"></td><td>
    <button onclick="clear()">Clear input field</button></td></tr>
</table>
</form></div>
</center>
<?php
if(isset($_POST['rescue']))
{
    //Declaring variables
    $name = $_SESSION['username'];
    $email = $_SESSION['email'];
    $phone = $_SESSION['phone'];
    $foodtype = $_POST['foodtype'];
    $foodname = $_POST['foodname'];
    $quantity = $_POST['Quantity'];
    $expire = $_POST['Expiretime'];
    $address = $_POST['address'];

    $query = "insert into rescuedetails
(name,email,phone,foodtype,foodname,quantity,expiredatetime,address) values
('$name','$email','$phone','$foodtype','$foodname','$quantity','$expire','$address')";

    $query_run1 = mysqli_query($con,$query);

    if($query_run1)
    {
        echo '<script type="text/javascript"> alert("Thanks for Rescuing the food..!")</script>';
```

FOOD RESCUE APPLICATION

```
}else
{
    echo '<script type="text/javascript"> alert("Data not inserted try again.")</script>';
}
}
?>

<script type="text/javascript">

    function clear() {
        document.getElementById('fn').value = "";
        document.getElementById('qa').value = "";
        document.getElementById('et').value = "";
        document.getElementById('ad').value = "";
    }

</script>

</body>

</html>
```

Rescuedetails.php

```
<?php
session_start();//starting the session
require 'dbconfig/dbconfig.php'; // adding the db config file
?>

<!DOCTYPE html>

<html>

<head>

<meta name="viewport" content="width=device-width, initial-scale=1">

</head>

<body>
```

FOOD RESCUE APPLICATION

```
<h2 style="text-align-last: right; padding: 10px"> Welcome <?php echo  
$_SESSION['username']; ?><br><a href="userhome.php">User home </a><br><a  
href="Home.html">logout </a></h2>
```

```
<center><h1> Food details </h1>
```

```
<?php
```

```
$name=$_SESSION['username'];
```

```
$query = "select * from rescuedetails where name='$name'";
```

```
if ($query_run = mysqli_query($con,$query)) {
```

```
echo '<table border="1" cellspacing="2" cellpadding="2">
```

```
<tr>
```

```
<td> <b><font face="Arial">Name</font></b> </td>
```

```
<td> <b><font face="Arial">Email</font></b> </td>
```

```
<td> <b><font face="Arial">Phone Number</font></b> </td>
```

```
<td> <b><font face="Arial">Food Type</font></b> </td>
```

```
<td> <b><font face="Arial">Food Name</font></b> </td>
```

```
<td> <b><font face="Arial">Quantity</font></b> </td>
```

```
<td> <b><font face="Arial">Expire Date Time</font> </b></td>
```

```
<td> <b><font face="Arial">Address</font> </td> </b>
```

```
</tr>';
```

```
while ($row = $query_run->fetch_assoc()) {
```

```
echo '<tr>
```

```
<td>'.$row["name"].'</td>
```

```
<td>'.$row["email"].'</td>
```

```
<td>'.$row["phone"].'</td>
```

```
<td>'.$row["foodtype"].'</td>
```

```
<td>'.$row["foodname"].'</td>
```

```
<td>'.$row["quantity"].'</td>
```

```
<td>'.$row["expiredatetime"].'</td>
```

```
<td>'.$row["address"].'</td>
```

```
</tr>';
```

FOOD RESCUE APPLICATION

```
}  
$query_run->free();  
}  
?>  
</center>  
</body>  
</html>
```

Admin.php

```
<?php  
session_start();//starting the session  
require 'dbconfig/dbconfig.php'; // adding the db config file  
?>  
<!DOCTYPE html>  
<html>  
<head>  
<meta name="viewport" content="width=device-width, initial-scale=1">  
</head>  
<style>  
input[type=datetime-local] {  
    width: 100%;  
    padding: 12px 20px;  
    margin: 8px 0;  
    display: inline-block;  
    border: 1px solid #ccc;  
    border-radius: 4px;  
    box-sizing: border-box;  
}  
input[type=submit], button {  
    width: 100%;
```

FOOD RESCUE APPLICATION

```
background-color: #4CAF50;

color: white;

padding: 14px 20px;

margin: 8px 0;

border: none;

border-radius: 4px;

cursor: pointer;

}

input[type=submit]:hover, button:hover {

    background-color: #45a049;

}

</style>

<body>

    <h2 style="text-align-last: right; padding: 10px"> Welcome admin <br><a
href="adminuserdetails.php">User details </a><br><a href="Home.html">logout </a></h2>

    <center><h1> Food details </h1>

    <form action="admin.php" method="POST">

        <table>

            <tr><td><b>From Date:</b></td><td><input type="datetime-local" name="Fromdate"
id="datetime" required><br><br></td>

            <td><b>To date:</b></td><td><input type="datetime-local" name="Todate"
id="datetime" required><br><br></td>

            <td><input type="submit" name="View"></td></tr>

        </table>

    </form>

    <?php

    if(isset($_POST['View']))

    {

        $fromdate = $_POST['Fromdate'];

        $todate = $_POST['Todate'];
```


FOOD RESCUE APPLICATION

```
$query = "select * from rescuedetails where expiredatetime BETWEEN '$fromdate' AND '$todate' ";
```

```
$query_run= mysqli_query($con,$query);
```

```
if (mysqli_num_rows($query_run)>0)
```

```
{
```

```
    echo '<table border="1" cellspacing="2" cellpadding="2">
```

```
    <tr>
```

```
        <td> <b><font face="Arial">Name</font></b> </td>
```

```
        <td> <b><font face="Arial">Email</font></b> </td>
```

```
        <td> <b><font face="Arial">Phone Number</font></b> </td>
```

```
        <td> <b><font face="Arial">Food Type</font></b> </td>
```

```
        <td> <b><font face="Arial">Food Name</font></b> </td>
```

```
        <td> <b><font face="Arial">Quantity</font></b> </td>
```

```
        <td> <b><font face="Arial">Expire date time</font> </b></td>
```

```
        <td> <b><font face="Arial">Address</font> </td> </b>
```

```
    </tr>';
```

```
    while ($row = $query_run->fetch_assoc())
```

```
    {
```

```
        echo '<tr>
```

```
            <td>'.$row["name"].'</td>
```

```
            <td>'.$row["email"].'</td>
```

```
            <td>'.$row["phone"].'</td>
```

```
            <td>'.$row["foodtype"].'</td>
```

```
            <td>'.$row["foodname"].'</td>
```

```
            <td>'.$row["quantity"].'</td>
```

```
            <td>'.$row["expiredatetime"].'</td>
```

```
            <td>'.$row["address"].'</td>
```

```
        </tr>';
```

```
    }
```

FOOD RESCUE APPLICATION

```
}  
else  
{  
    echo '<script type="text/javascript"> alert("No details present")</script>';  
}  
} ?>  
</center>  
</body>  
</html>
```

Admindetails.php

```
<?php  
session_start();//starting the session  
require 'dbconfig/dbconfig.php'; // adding the db config file  
?>  
<!DOCTYPE html>  
<html>  
<head>  
<meta name="viewport" content="width=device-width, initial-scale=1">  
</head>  
<body>  
    <h2 style="text-align-last: right; padding: 10px"> Welcome admin <br><a  
href="admin.php">Admin Home </a><br><a href="Home.html">logout </a></h2>  
    <center><h1> Food details </h1>  
    <?php  
    $query = "select * from users";  
    echo '<table border="1" cellspacing="2" cellpadding="2">  
    <tr>  
        <td> <b><font face="Arial">Name</font></b> </td>  
        <td> <b><font face="Arial">Email</font></b> </td>
```

FOOD RESCUE APPLICATION

```
<td> <b><font face="Arial">Phone Number</font></b> </td>

</tr>';

if ($query_run= mysqli_query($con,$query)) {
    while ($row = $query_run->fetch_assoc()) {
        echo '<tr>

            <td>'.$row["name"].'</td>

            <td>'.$row["email"].'</td>

            <td>'.$row["phone"].'</td>

        </tr>';
    }
    $query_run->free();
}

?>

</center>

</body>

</html>
```

7 TESTING

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, subassemblies, assemblies and/or a finished product. It is the process of exercising software with the intent of ensuring that the software system meets its requirements and user expectations and does not fail in an unacceptable manner. There are various types of test. Each test type addresses a specific testing requirement.

7.1 UNIT TESTING:

Unit testing involves the design of test cases that validate that the internal program logic is functioning properly, and that program inputs produce valid outputs. All decision branches and internal code flow should be validated. It is the testing of individual software units 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 tests perform basic tests at component level and test a specific business process, application, and/or system configuration. Unit tests ensure that each unique path of a business process performs accurately to the documented specifications and contains clearly defined inputs and expected results. The modules such as login, register, user home and admin home modules are carried out individually.

7.2 INTEGRATION TESTING:

Integration tests are designed to test integrated software components to determine if they actually run as one program. Testing is event driven and is more concerned with the basic outcome of screens or fields. Integration tests demonstrate that although the components were individually satisfactory, as shown by successful unit testing, the combination of components is correct and consistent. Integration testing is specifically aimed at exposing the problems that arise from the combination of components. All the modules are integrated and then the testing has been carried out.

FOOD RESCUE APPLICATION

7.3 TEST CASES

Test case Id	Module Name	Test case description	Test Case Steps	Expected Result	Actual Result	Status
TC01	Home Page	Verify the home page is displayed or not	1. Run the Application	Home page should be displayed	same as expected	Pass
TC02	Register page	Verify the Register page is displayed or not.	1. Run the Application 2. Click on the join now option in the home page	on clicking the join now link user should be navigated to register page	same as expected	Pass
TC03	Register page	Verify the Register page with the valid credentials	1. Run the Application 2. Click on the join now option in the home page. 3. Enter the valid credentials 4. click on the register button after entering all the necessary fields	user should be registered successfully	same as expected	Pass
TC04	Register page	Verify the Register page with the invalid credentials	1. Run the Application 2. Click on the join now option in the home page. 3. Enter the invalid credentials 4. click on the register button after entering all the necessary fields	system should not allow user to register with invalid credentials	same as expected	Pass
TC05	Register page	Verify the login page navigation from the registration page	1. Run the Application 2. Click on the join now option in the home page. 3. click on the login link present in the registration page	system should not allow user to navigate to the login page	same as expected	Pass
TC06	login page	Verify the Login page is displayed or not.	1. Run the Application 2. Click on the login option in the home page	on clicking the login link user should be navigated to login page	same as expected	Pass

FOOD RESCUE APPLICATION

TC07	login page	Verify the Login page with the valid credentials	1. Run the Application 2. Click on the login option in the home page. 3. Enter the valid credentials 4. click on the login button after entering all the necessary fields	user should login successfully	same as expected	Pass
TC08	login page	Verify the Login page with the invalid credentials	1. Run the Application 2. Click on the login option in the home page. 3. Enter the invalid credentials 4. click on the login button after entering all the necessary fields	system should not allow user to login with invalid credentials	same as expected	Pass
TC09	login page	Verify the Login page navigation from the registration page	1. Run the Application 2. Click on the login option in the home page. 3. click on the register link present in the registration page	system should not allow user to navigate to the register page	same as expected	Pass
TC10	User home page	verify the user able to access the user home page after login with valid credentials	1. Run the Application 2. Click on the login option in the home page. 3. Enter the valid credentials 4. click on the login button after entering all the necessary fields	User should be navigated to the userhome page	same as expected	Pass
TC11	User home page	verify the user not able to access the user home page after login with invalid credentials	1. Run the Application 2. Click on the login option in the home page. 3. Enter the invalid credentials 4. click on the login button after entering all the necessary fields	An error showing the user is not registered should be displayed	same as expected	Pass

FOOD RESCUE APPLICATION

TC12	User home page	Verify the user able to log the food rescue details with valid credentials	1. Run the Application 2. Click on the login option in the home page. 3. Enter the valid credentials 4. Click on the login button after entering all the necessary fields 5. enter all the necessary fields for rescuing the food and click on submit	on clicking on submit the rescue details should be added and successful message should be displayed	same as expected	Pass
TC13	User home page	Verify the user able to log the food rescue details with invalid credentials	1. Run the Application 2. Click on the login option in the home page. 3. Enter the valid credentials 4. Click on the login button after entering all the necessary fields 5. enter all the necessary fields for rescuing the food with invalid credentials and click on submit	on clicking on submit the rescue details should not be added and un successful message should be displayed	same as expected	Pass
TC14	rescue history page	verify the user is able to view the rescue history	1. Run the Application 2. Click on the login option in the home page. 3. Enter the valid credentials 4. Click on the login button after entering all the necessary fields 5. Click on the rescue history present on the user home page.	On clicking on the link user should be navigated to rescue history page and rescue history should be displayed	same as expected	Pass
TC15	admin home page	verify the admin is able to login with valid credentials	1. Run the Application 2. Click on the login option in the home page. 3. Enter the valid credentials for admin login and click on login button	on clicking on the login button with valid admin credentials user should be navigated to admin page	same as expected	Pass

FOOD RESCUE APPLICATION

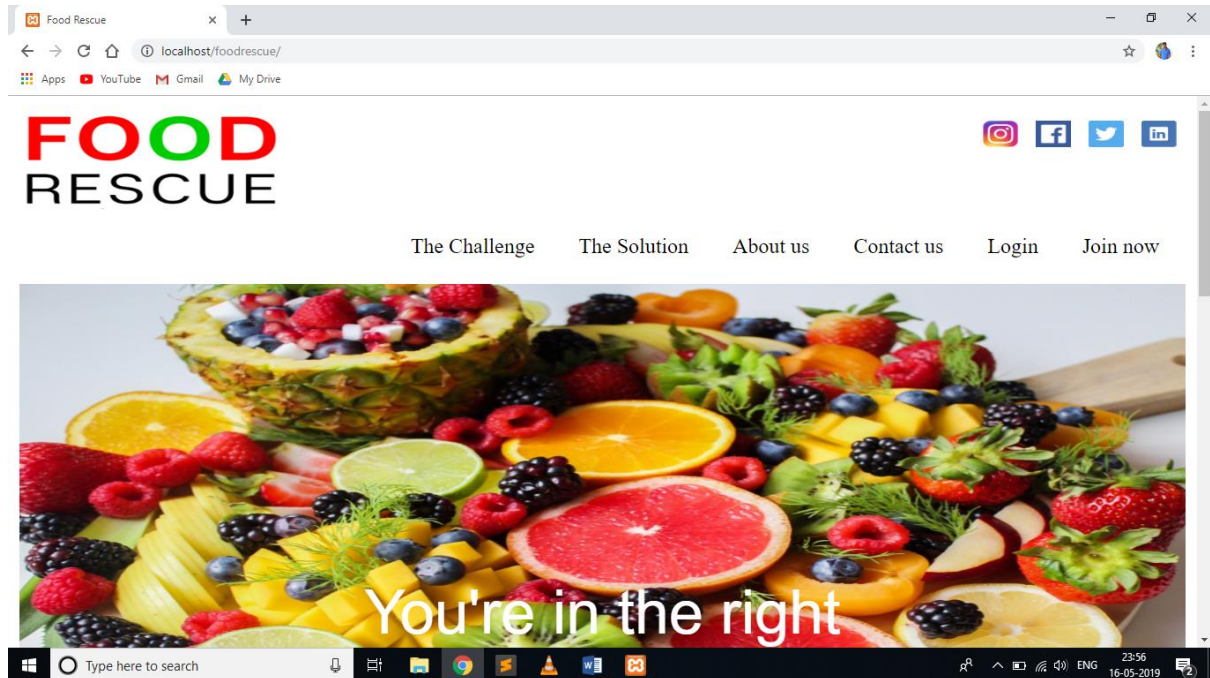
			4. admin should be navigated to his home page			
TC16	admin home page	verify the admin is able to view the rescue details based on the date time filter	1. Run the Application 2. Click on the login option in the home page. 3. Enter the valid credentials for admin login and click on login button 4. Admin should be navigated to his home page 5. select the from date and to date and click on submit	on clicking on submit rescue details should be displayed	same as expected	Pass
TC17	admin home page	verify the admin is not able to view the rescue details based on the invalid date time filter	1. Run the Application 2. Click on the login option in the home page. 3. Enter the valid credentials for admin login and click on login button 4. Admin should be navigated to his home page 5. select the from date and to date which is invalid and click on submit	on clicking on the submit the error message should be thrown to the user	same as expected	Pass
TC18	admin home page	Verify the admin is able to view the user details.	1. Run the Application 2. Click on the login option in the home page. 3. Enter the valid credentials for admin login and click on login button 4. Admin should be navigated to his home page 5. select the view user log hyperlink in the	on clicking on the link user details should be displayed	same as expected	Pass

FOOD RESCUE APPLICATION

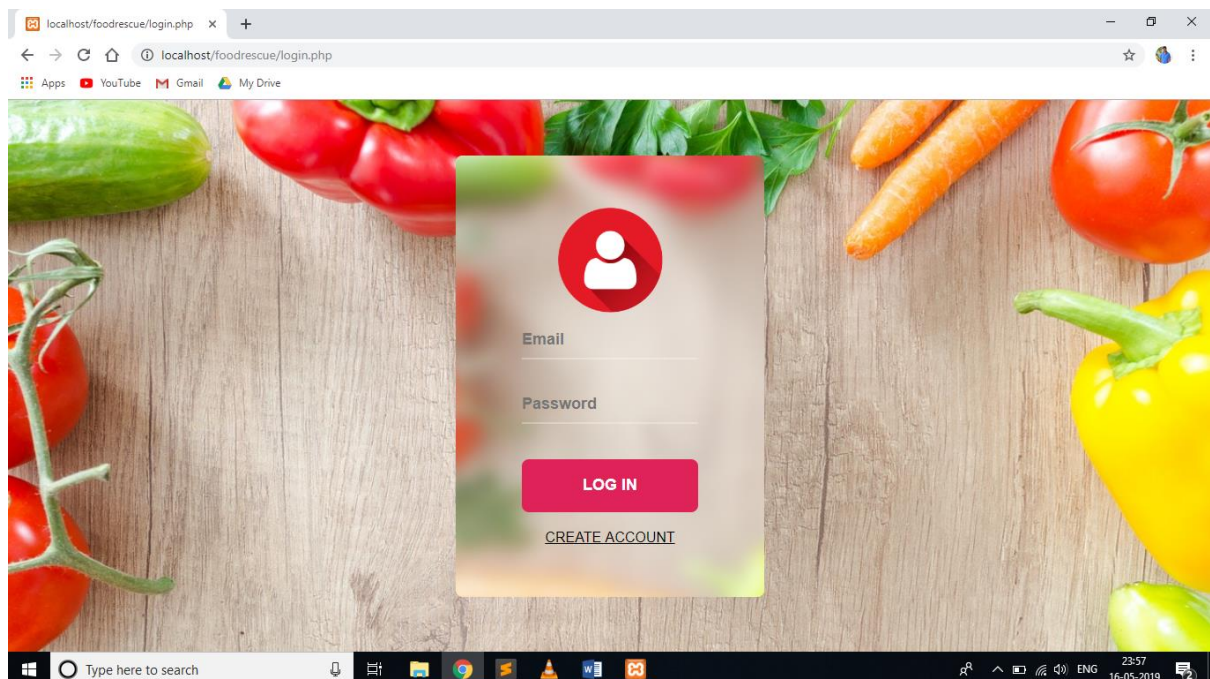
			right top corner			
TC19	Logout functionality for all the modules	verify on clicking on the logout link user should be navigated to home page	1. Run the Application 2. Click on the login option in the home page. 3. Enter the valid credentials for user login and click on login button 4. Click on the logout link in the user home page 5. repeat the 3rd and 4th step for admin module	on clicking on the logout link user should be navigated to the home page	same as expected	Pass

8 SCREENSHOTS

Home page

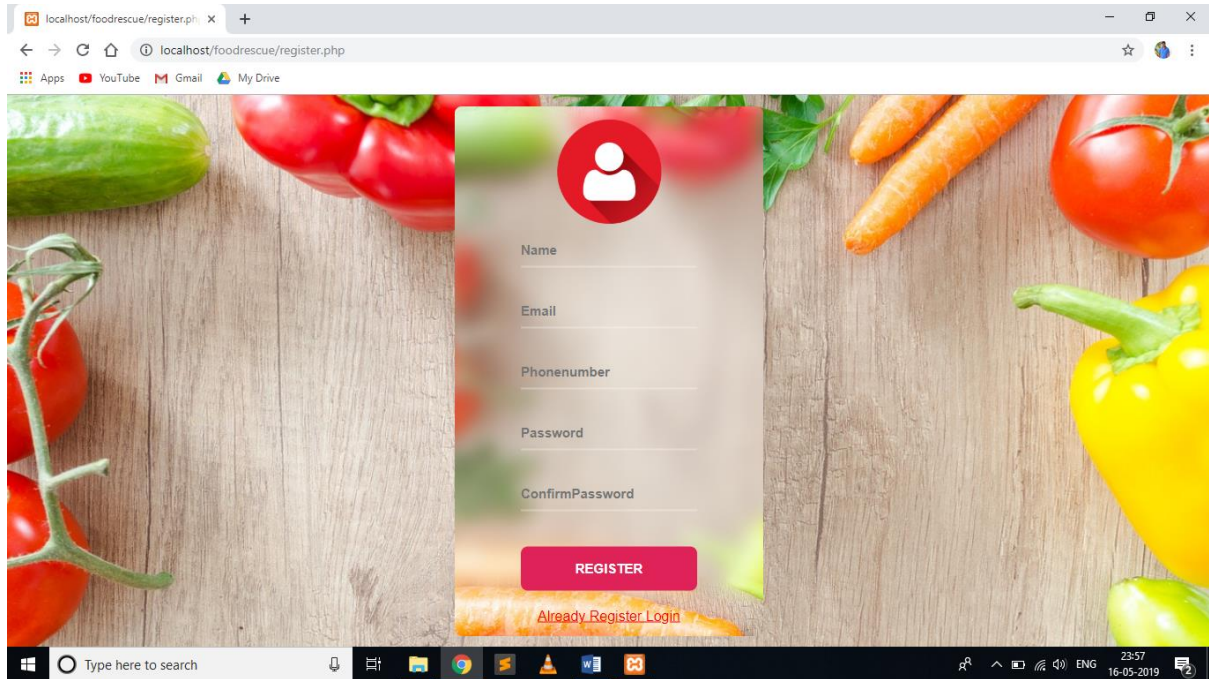


Login Page



FOOD RESCUE APPLICATION

Register page



localhost/foodrescue/register.php

localhost/foodrescue/register.php

Apps YouTube Gmail My Drive

Name

Email

Phonenumber

Password

ConfirmPassword

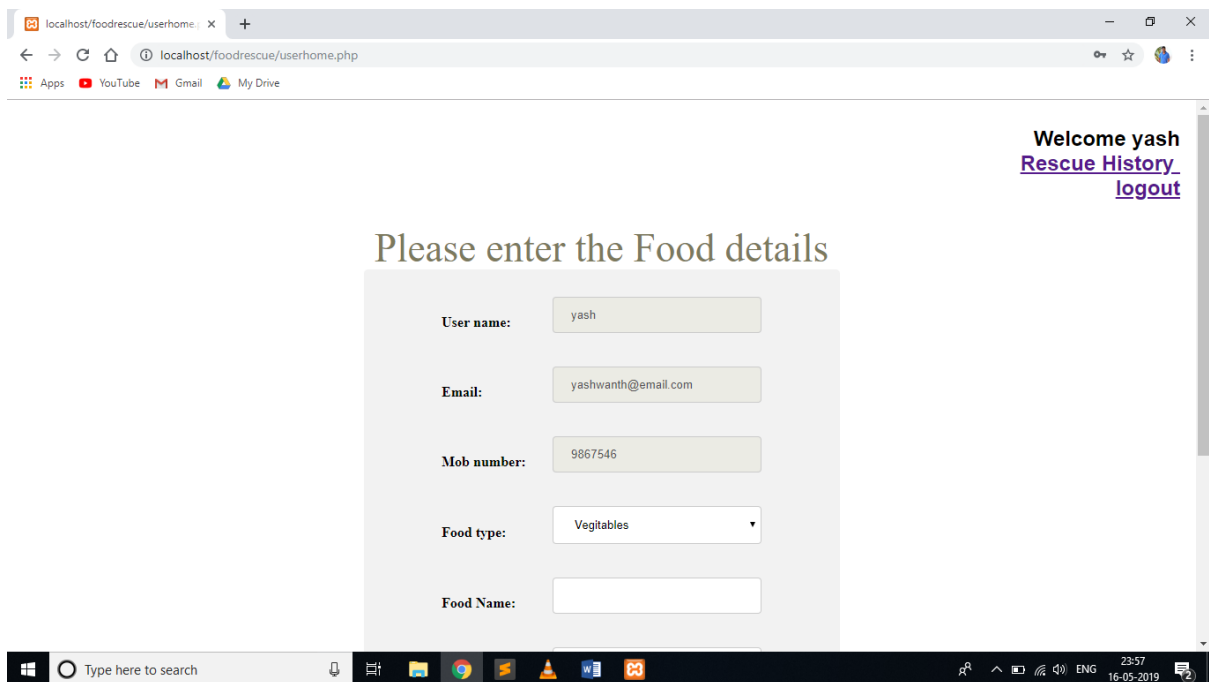
REGISTER

Already Register Login

Type here to search

23:57 16-05-2019

Donor module



localhost/foodrescue/userhome.php

localhost/foodrescue/userhome.php

Apps YouTube Gmail My Drive

Welcome yash

[Rescue History](#)

[logout](#)

Please enter the Food details

User name: yash

Email: yashwanth@email.com

Mob number: 9867546

Food type: Vegetables

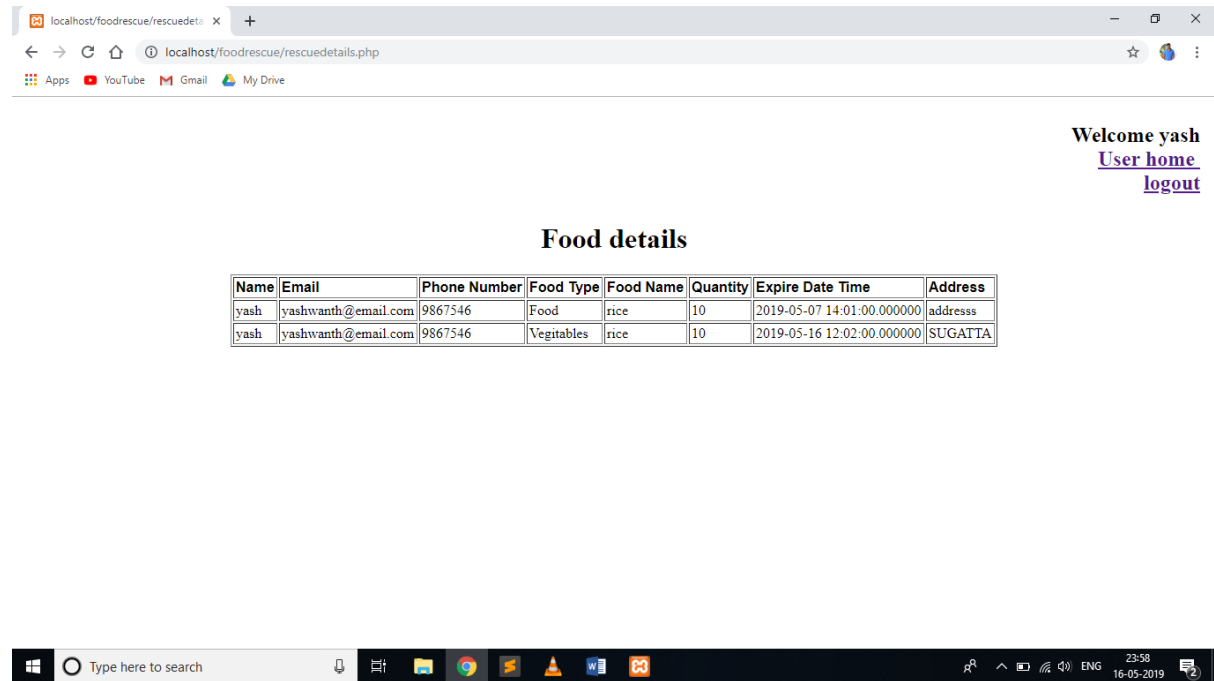
Food Name:

Type here to search

23:57 16-05-2019

FOOD RESCUE APPLICATION

Rescue history



localhost/foodrescue/rescuedet: X +

localhost/foodrescue/rescuedetails.php

Apps YouTube Gmail My Drive

Welcome yash
[User home](#)
[logout](#)

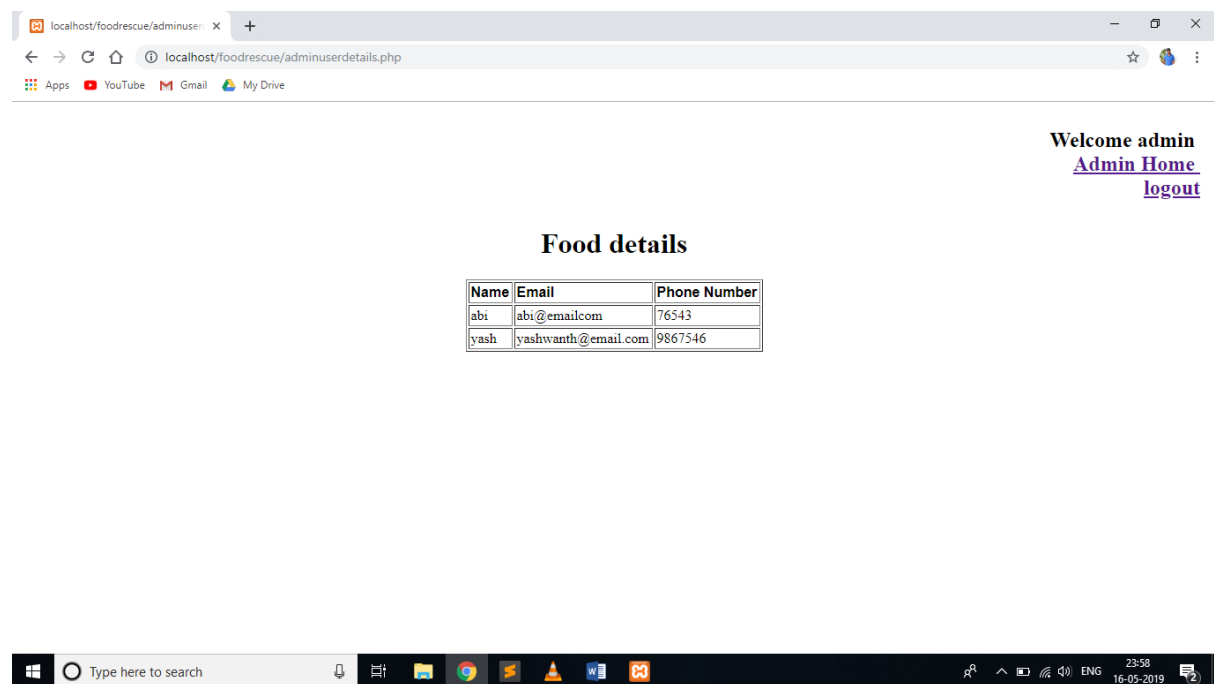
Food details

Name	Email	Phone Number	Food Type	Food Name	Quantity	Expire Date Time	Address
yash	yashwanth@email.com	9867546	Food	rice	10	2019-05-07 14:01:00.000000	address
yash	yashwanth@email.com	9867546	Vegetables	rice	10	2019-05-16 12:02:00.000000	SUGAITTA

Type here to search

23:58 16-05-2019

Admin user details



localhost/foodrescue/adminuser: X +

localhost/foodrescue/adminuserdetails.php

Apps YouTube Gmail My Drive

Welcome admin
[Admin Home](#)
[logout](#)

Food details

Name	Email	Phone Number
abi	abi@email.com	76543
yash	yashwanth@email.com	9867546

Type here to search

23:58 16-05-2019

FOOD RESCUE APPLICATION

Rescue details

localhost/foodrescue/admin.php X

localhost/foodrescue/admin.php

Apps YouTube Gmail My Drive

Welcome admin
[User details](#)
[logout](#)

Food details

From Date: dd-mm-yyyy --:--

To date: dd-mm-yyyy --:--

Submit

Name	Email	Phone Number	Food Type	Food Name	Quantity	Expire date time	Address
yash	yashwanth@email.com	9867546	Vegitables	rice	10	2019-05-16 12:02:00.000000	SUGATTA

Type here to search

9 CONCLUSION

Food Rescue Application is an online system which helps the user to rescue the usable food. This system mainly stores and displays user details, student details which can be accessed based on the access level such as Admin, users. The Admin plays a key role in order to get the food and donate to the people.

10 FUTURE ENHANCEMENT

- Nowadays most of the people uses smartphones this Application can be converted in mobile app so that it will be more user-friendly for users and admin.
- Tracking of the rescuer can be added.
- After rescuing the food the user's notification about the food rescue where it has been donated can be added.
- User notifications entire the food rescue process can be added.
- Some people be interested in donating the money for this challenge for this we can add the payment gateway so that the users can donate in the form of money.
- For restaurants there will be left out food daily so for this the we can add the functionality the everyday the restaurant can donate the food recursively no need to fill the details every day.

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