WANDERGO

(ONLINE BUS TICKET RESERVATION)

Submitted in partial fulfillment of the requirements for the degree of

Bachelor of Science

In

Computer Science

by

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Under the guidance of

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VIT, Vellore.

April, 2019

DECLARATION

We hereby declare that the thesis entitled "WANDERGO (**ONLINE BUS TICKET RESERVATION)**" submitted by us, for the award of the degree of **Bachelor of Science in Computer Science** to **VIT** is a record of bonafide work carried out by us under the supervision of **Prof. S RAJKUMAR, Assistant Professor (Selection Grade).**

We further declare that the work reported in this thesis has not been submitted and will not be submitted, either in part or in full, for the award of any other degree or diploma in this institute or any other institute or university.

Place : Vellore

Date :

Signature:

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CERTIFICATE

This is to certify that the thesis entitled "**WANDERGO (ONLINE BUS TICKET RESERVATION)**" submitted by **S R AISHWARYA (Register No: 16BCS0012), KS ABUL HASAN (Register No: 16BCS0069) and L ARTHI (Register No: 16BCS0075), SCOPE**, **VIT UNIVERSITY**, for the award of the degree of **Bachelor of Science in Computer Science**, is a record of bonafide work carried out by him under my supervision during the period, 01. 12. 2018 to 30.04.2019, as per the VIT code of academic and research ethics.

The contents of this report have not been submitted and will not be submitted either in part or in full, for the award of any other degree or diploma in this institute or any other institute or university. The thesis fulfills the requirements and regulations of the University and in my opinion meets the necessary standards for submission.

Place: Vellore

Date :

:

Signature of the Guide

Internal Examiner **External Examiner**

Head of the Department

Programme

ACKNOWLEDGEMENTS

First and foremost, we would like to thank our supervisor of this project, **Prof. S RAJKUMAR, Assistant Professor (Selection Grade)** for the valuable guidance and advice. He inspired us greatly to work in this project. His willingness to motivate us contributed tremendously to our project. We also would like to thank him for showing us some example that related to our project. We would like to take this opportunity to thank the **School of Computer Science and Engineering (SCOPE)** of **Vellore Institute of Technology (VIT)** for offering this project. Also, we would like to thank the administration of Vellore Institute of Technology (VIT) for providing us with a good environment and facilities to complete this project. It gave us an opportunity to participate and learn about the operation of various prediction algorithms.

S R AISHWARYA (16BCS0012)
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L ARTHI (16BCS0075)

EXECUTIVE SUMMARY

The main objective of the **ONLINE BUS TICKET RESERVATION** is to manage the details of **Bus**, **Tickets, Agent, Seats**. It manages all the information about **Bus**. The project is totally built at administrative end and thus only the administrative is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Customer Booking. It tracks all the details about the booking, agents, seats.

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List of Abbreviations

OBTR	Online Bus Ticket Reservation
TNSCT	Tamil Nadu State Transport Corporation Limited

1. INTRODUCTION

There was a time when people used to waste their valuable times just to get a piece of information. Now the technology is more advance then compare to any previous times. One of the blessings of technology is web application/ web site. It allows users to interact with the system from anywhere as long as they are connected to the internet.

WANDERGO is an online site which dealt with bus ticket reservation. In conventional method they do paper works for keep their customer's details and booking reservation records. If any customer , he/she might needs to reserve seat he/ she need to call them or walk in to their counter which take much time. Sometimes the phone line also keeps busy and customers unable to reserve seats for them. Besides, they need to keep records of the payments made by customers in papers and quite impossible for them to keep track on payment issues. It consumes more time for both passenger and travel managers. Our project makes easy way for booking which saves time for both passengers and travel managers which is entirely online based. So we implemented an online site for bus ticket booking which will be easier for customers to book tickets wherever they are.

"**WANDERGO**" which is completely a web based site, as we know currently internet occupies everywhere, so our Wandergo will surely help users to book the bus ticket and additionally our site provides bus detail to book buses for tour, industrial visit, pilgrim tour through online instantly.

Our site makes user to signup and saves their data into a local server, while login it validates the entered data to the stored data. If the data are same, it displays home page of our site. Now user can search the buses by entering the details of the journey and now they can book their convenient seats. We provide softcopy of their journey details.

1.1 OBJECTIVE

The main purpose of this study is to automate the manual procedures of reserving a bus ticket for any journey made through Tamil Nadu State Transport Corporation Limited (TNSTC). This system is said to be an automatic system and customers can select seats by themselves. Specifically, objectives of this project will consist of:

Providing a web-based bus ticket reservation function where a customer can buy bus ticket through the online system without a need to queue up at the counter to purchase a bus ticket. Enabling customers to check the availability and types of busses online. Customer can check the time departure for every TNSTC bus through the system. Ability of customers to cancel their reservation. Admin user privileges in updating and canceling payment, route and vehicle records.

1.2 MOTIVATION

It is an Web based application "Online Bus Ticket Reservation System". It is used in a bus transportation system, a facility which is used to reserve seats, cancellation of reservation and different types of route enquiries used on securing ,quick reservations

1.3 BACKGROUND

The website which has online payment functions. So that it will be easier for customers to pay online rather than going to the counter and by cash. Customers will be able to see the available bus depending on the schedule they select along with the price.

1.4 BENEFITS

The system having online payment functions. So that it will be easier for customers to pay online rather than going to the counter and by cash.

Customers will be able to see the available bus depending on the schedule they select along with the price.

As the system having online transaction it will not save the customer's credit or debit details like card numbers, expiry dates and cvv code for security issues while purchasing or reserving the seats.

The system will be available for 24 * 7 .Customers need not to go to the counter and purchase tickets

1.5 DISADVANTAGES

The system will not allow customers to refund at persent.

Some times sever issues

System will not support any offline data accessibility.

2. PROJECT DESCRIPTION AND GOAL

The Bus ticket reservation system is currently maintaining the project Transport Company's process manually which is a very time consuming process. The main goal of the system is, easy ticket booking and transport maintenance, The bus ticket booking system not only deals with transporters owned vehicles but also takes into consideration about the other types project of system transport vehicles available with other transporters .

3. TECHNICAL SPECIFICATION

3.1 SYSTEM REQUIRMENTS

A system requirement consists of hardware and software as follows.

3.1.1 HARDWARE REQUIRMENTS

Hardware required to design this system are as follow:

- INTEL Pentium Processor
- 150 MB of free hard-drive space
- 128 MB of RAM

3.1.2 SOFTWARE REQUIRMENTS

Software required to design this system are as follow:

- Operating System: Windows (7 or above)
- Web Browser: Google Chrome
- Software tools: Notepad++,Brackets, XAMP (V3.2.2)

3.2 SOFTWARE TOOL USED

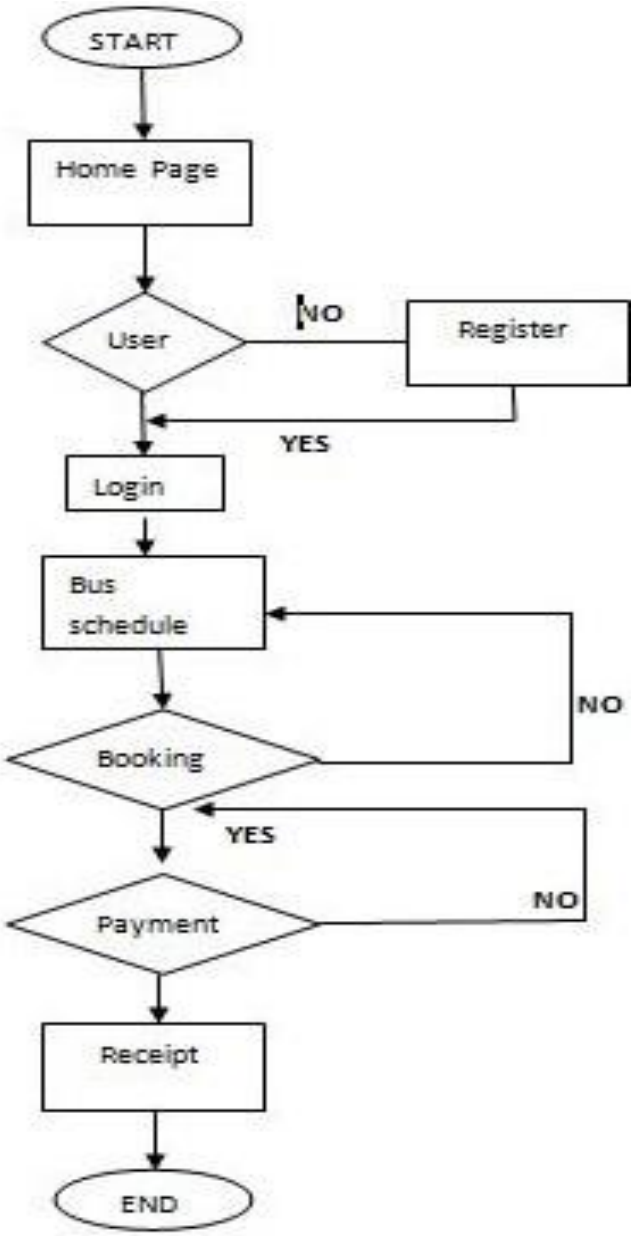
We have used xampp sever as a local server for storing user database. **XAMPP** is a free and open-source cross-platform web server solution stack package developed by Apache Friends, consisting mainly of the Apache HTTP Server, MariaDB database, and interpreters for scripts written in the PHP and Perl programming languages. Since most actual web server deployments use the same components as XAMPP, it makes transitioning from a local test server to a live server possible.

XAMPP's ease of deployment means a WAMP or LAMP stack can be installed quickly and simply on an operating system by a developer.

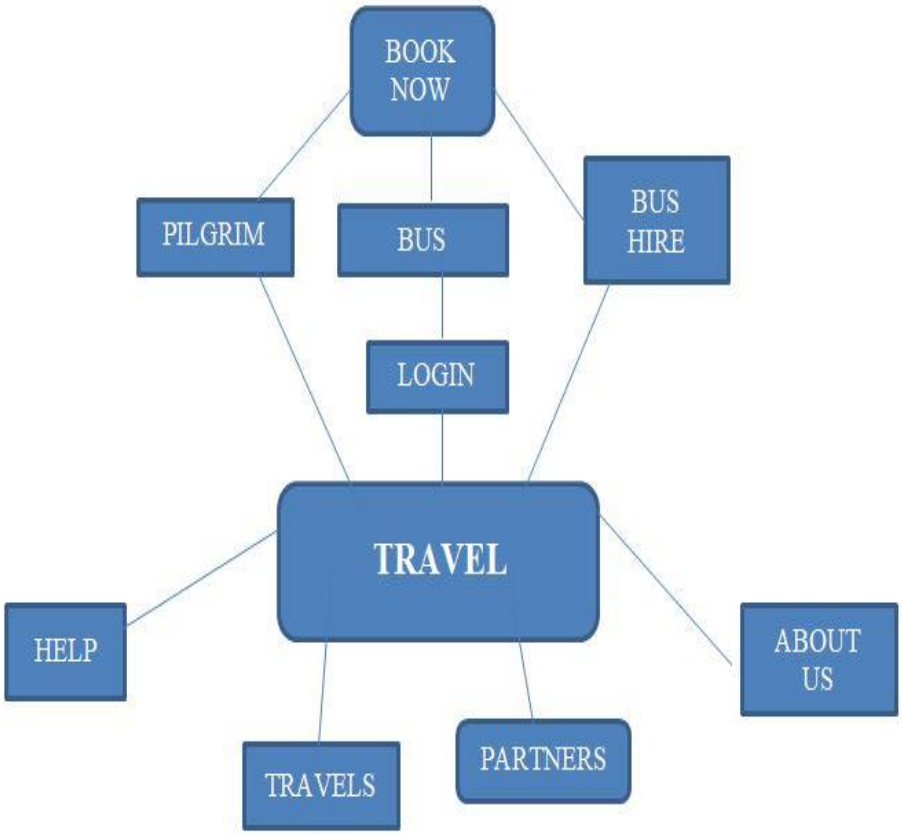
We used Notepad++ and Brackets tools for coding our project this tools are very easy to use while comparimg with other tools

4. DESIGN APPROACH AND DETAILS

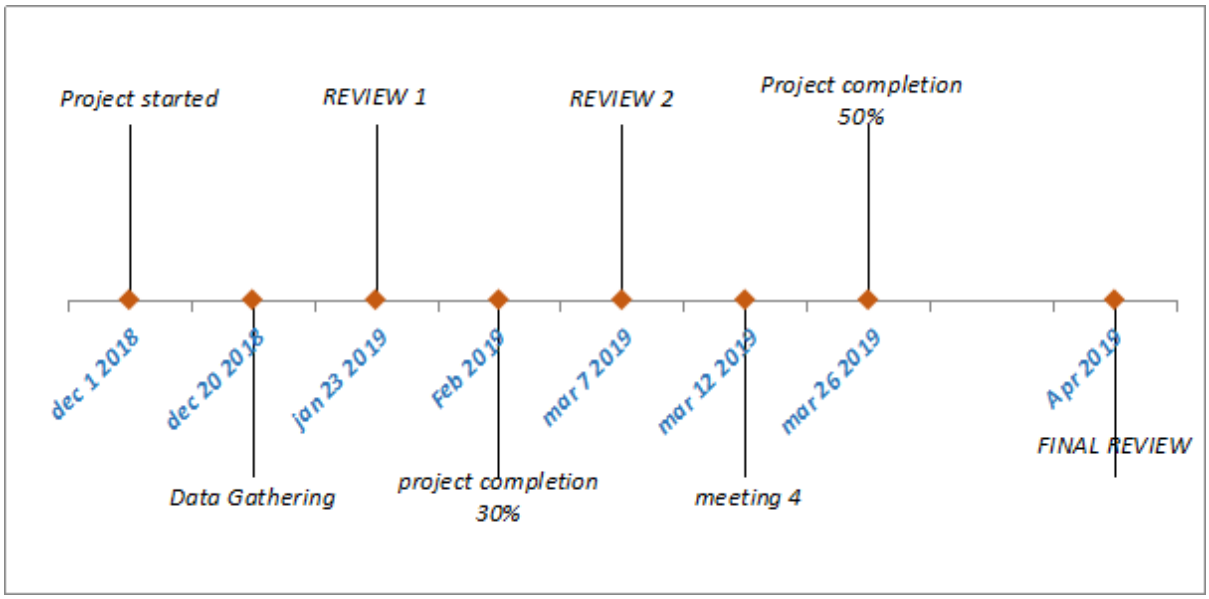
FLOWCHART:



SYSTEM ARCHITECTURE:



5. SCHEDULE, TASKS AND MILESTONES



6. PROJECT DEMONSTRATION

6.1 DATABASE

For our project, we have used end user's user name, email, password and it is stored in database. We also used sql queries to insert into the database and fetch from it.

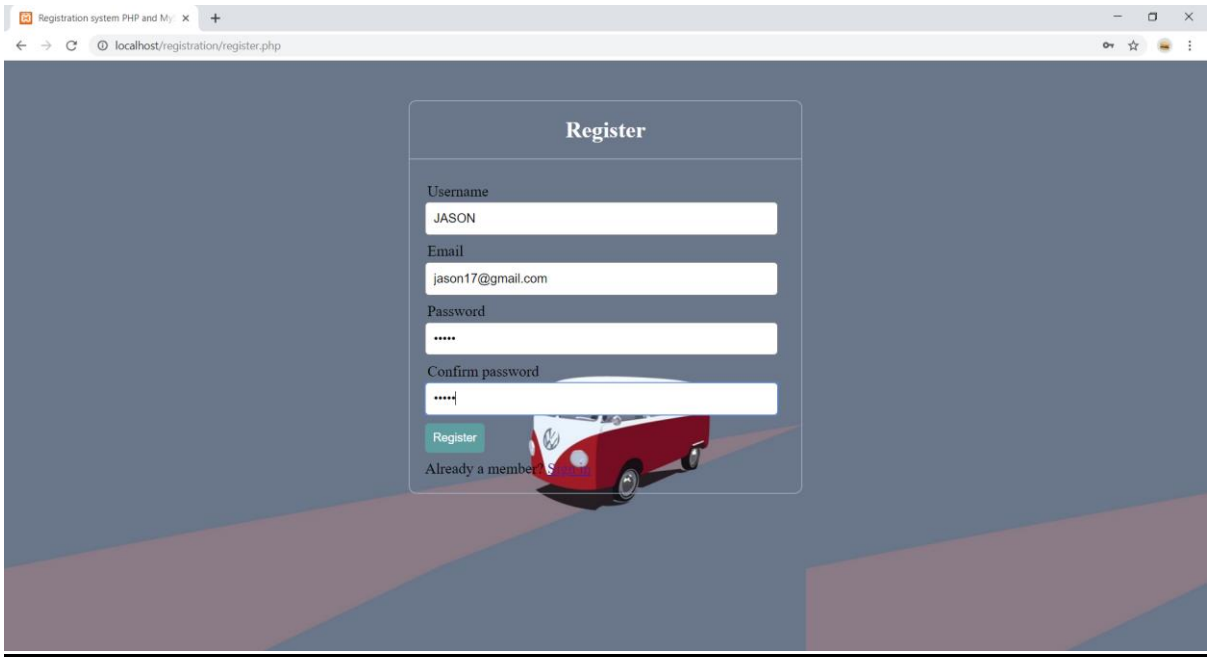
6.2 SCREENSHOTS OF CODING AND RESULT:

SIGN UP:

This page is providing the form that will be asking users to enroll which makes them to login later for easy buy process.

```
<!DOCTYPE html>
<html>
<head>
<title>Registration system PHP and MySQL</title>
<link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
<div class="header">
<h2>Register</h2>
</div>
<form method="post" action="login.php">
<div class="input-group">
<label>Username</label>
<input type="text" name="username" value="">
</div>
<div class="input-group">
<label>Email</label>
<input type="email" name="email" value="">
</div>
<div class="input-group">
<label>Password</label>
<input type="password" name="password_1" required>
</div>
<div class="input-group">
```

```
<label>Confirm password</label>
<input type="password" name="password_2" required>
</div>
<div class="input-group">
<button type="submit" class="btn" name="reg_user">Register</button>
</div>
<p>
Already a member? <a href="login.php">Sign in</a>
</p>
</form>
</body>
</html>
```



Php code:

```
<?php  if (count($errors) > 0) : ?>
  <div class="error">
```

```
  <?php foreach ($errors as $error) : ?>
    <p><?php echo $error ?></p>
  <?php endforeach ?>
 </div>
<?php  endif ?>
<?php
session_start();
```

sql query:

```
$username = "";
$email    = "";
$errors = array();
$db = mysqli_connect('localhost', 'root', '', 'registration');

if (isset($_POST['reg_user'])) {
 $username = mysqli_real_escape_string($db, $_POST['username']);
 $email = mysqli_real_escape_string($db, $_POST['email']);
 $password_1 = mysqli_real_escape_string($db, $_POST['password_1']);
 $password_2 = mysqli_real_escape_string($db, $_POST['password_2']);

 if (empty($username)) { array_push($errors, "Username is required"); }
 if (empty($email)) { array_push($errors, "Email is required"); }
 if (empty($password_1)) { array_push($errors, "Password is required"); }
 if ($password_1 != $password_2) {
  array_push($errors, "The two passwords do not match");
 }
 $user_check_query = "SELECT * FROM users WHERE username='$username' OR
email='$email' LIMIT 1";
 $result = mysqli_query($db, $user_check_query);
 $user = mysqli_fetch_assoc($result);

 if ($user) {
   if ($user['username'] === $username) {
     array_push($errors, "Username already exists");
   }
```

```
    if ($user['email'] === $email) {
      array_push($errors, "email already exists");
    }
  }
if (count($errors) == 0) {
  $password = md5($password_1);//encrypt the password before saving in the database

  $query = "INSERT INTO users (username, email, password)
                        VALUES('$username', '$email', '$password')";
  mysqli_query($db, $query);
  $_SESSION['username'] = $username;
  $_SESSION['success'] = "You are now logged in";
  header('location: index.php');
  }
}



if (isset($_POST['login_user'])) {
  $username = mysqli_real_escape_string($db, $_POST['username']);
  $password = mysqli_real_escape_string($db, $_POST['password']);

  if (empty($username)) {
   array_push($errors, "Username is required");
  }
  if (empty($password)) {
   array_push($errors, "Password is required");
  }

  if (count($errors) == 0) {
   $password = md5($password);
   $query = "SELECT * FROM users WHERE username='$username' AND
password='$password'";
   $results = mysqli_query($db, $query);
```

```
  if (mysqli_num_rows($results) == 1) {
    $_SESSION['username'] = $username;
    $_SESSION['success'] = "You are now logged in";
    header('location: index.php');
  }else {
            array_push($errors, "Wrong username/password combination");
  }
 }
}

?>
```

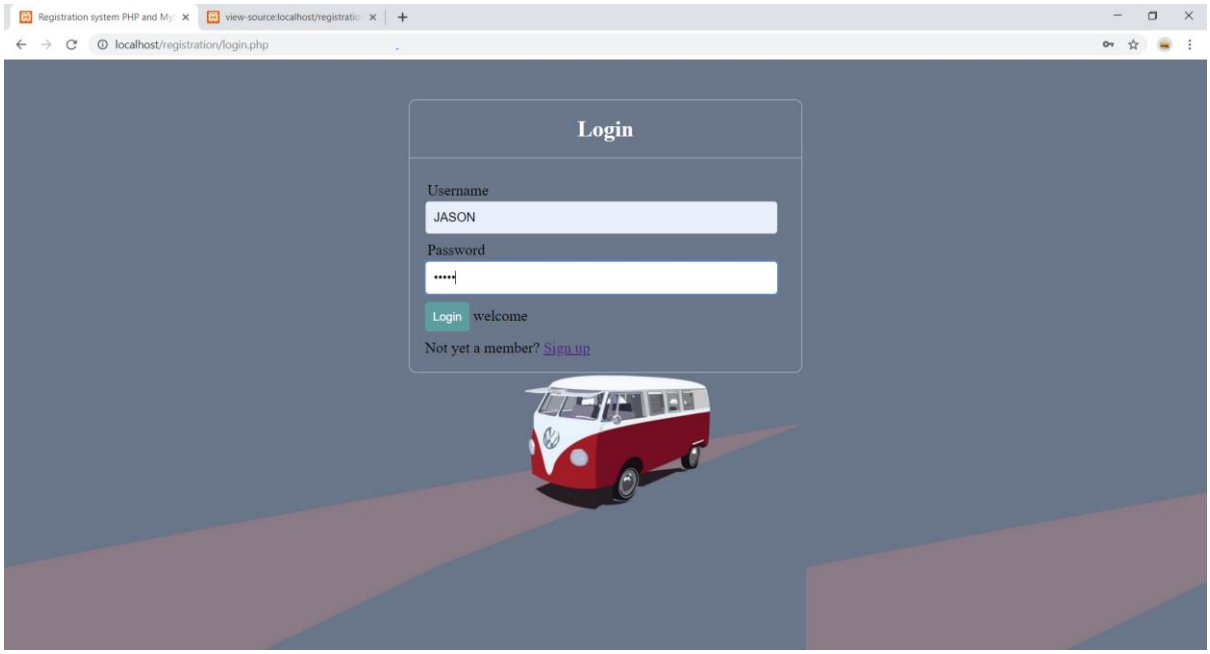
LOGIN:

This page asking username and password from the customer to login the page for easy booking of buses.

```
<?php include('server.php') ?>
<!DOCTYPE html>
<html>
<head>
  <title>Registration system PHP and MySQL</title>
  <link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
  <div class="header">
   <h2>Login</h2>
  </div>

  <form method="post" action="finalyearproject1.html">
   <?php include('errors.php'); ?>
   <div class="input-group">
            <label>Username</label>
            <input type="text" name="username" required >
   </div>
   <div class="input-group">
```

```
            <label>Password</label>
            <input type="password" name="password" required>
  </div>
  <div class="input-group">
            <button type="submit" class="btn" name="login_user">Login</button>
  <?php echo "welcome";?>
    </div>
  <p>
            Not yet a member? <a href="register.php">Sign up</a>
  </p>
 </form>
</body>
</html>
```



HOMEPAGE:

```
<html>
<head>
<title> Online Bus Ticket Booking </title>
<style type="text/css">
```

```
    body{
        background: url(bus.jpg) no-repeat;
        background-size: cover;
        background-position: center;
        position: absolute;
        width: 100%;
        height: 100%;
        }



.heading{
        position: absolute;
        top: 20%;
        left: 39%;
        font-family: sans-serif;

         margin-top: 5px;
        font-size: 18px;
    background-color: peacock;
    }
    h1{
        text-transform: uppercase;
        font-family: sans-serif;
        color:graphite;
    }

    .logo{
        float: left;
        color: white;
        font-family:georgia;
        font-weight: bold;
    font-size: 40px;
```

```
    }
    .tag{
        float: right;
        font-family:georgia;
        font-size: 25px;
        margin-top: 10px;
        color: lavender;

    }


    .offer1{
position:absolute;
top:110%;
left: 48;
padding:30px;
width:600px;
height:150px;
 }

 .offer6{
position:absolute;
top: 350%;
left:0%;
padding:30px;
width:1400px;
height:550px;
 }
    .logo{

    }


</style>
```

```
</head>
<body>


<div class="heading" width="500px" height="350px" >


<h1> BOOK YOUR BUS</h1>
  <form method="post"   action="route.php ">
   FROM  <input type="text" name="startingpoint"  style="text-
transform:uppercase" required><br><br>

   TO    <input type="text" name="destination" style="text-
transform:uppercase" required><br><br>
<script>

</script>
    DATE <input type="date" name="date" class="calendar"
required>   

   <br> 
     <br><td><br><br><center>

<div class="ap">

<button> <input type="submit" value="SEARCHBUSES"></button></center></div>
</form>
   <?php
   if ( isset($_POST['SEARCHBUSES']) ){
  header("location:route.php");
  exit();
}?>

<div class="tag">
```

```
    Just sit back and enjoy the journey...
    we'll take care of your tickets!!

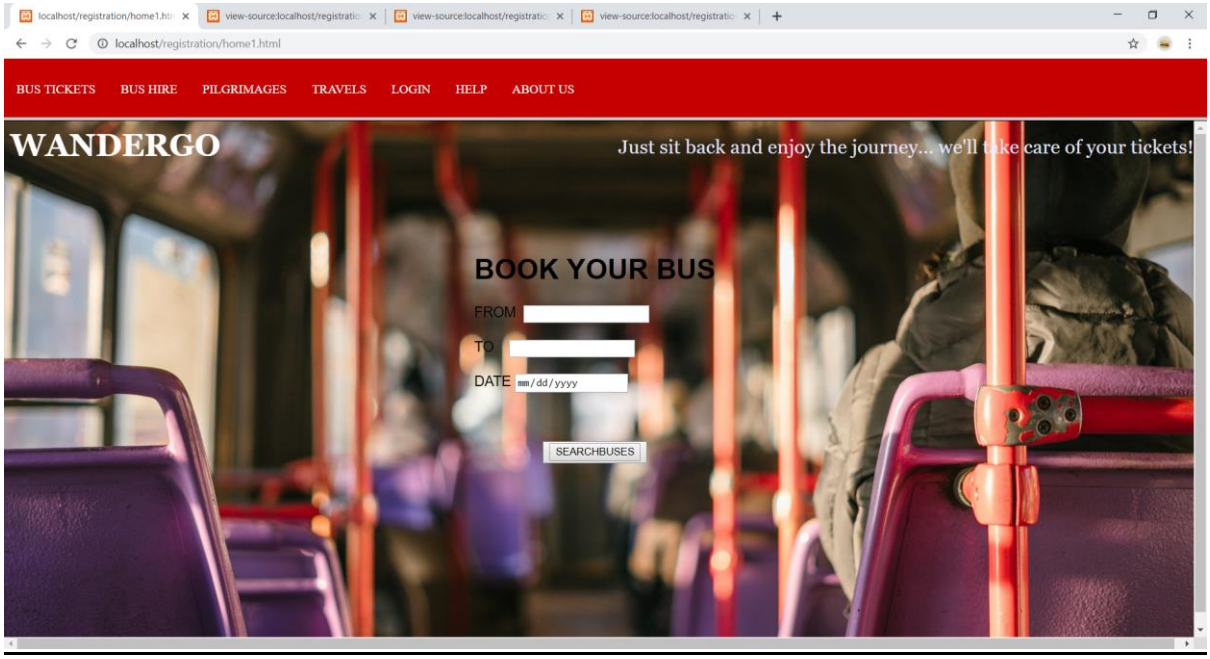
    </div>
 <div class="logo">WANDERGO</div>
    <i class="fas fa-bus"></i>




</a>
</div>
</div>



</body>
</html>
```



BUS DETAILS:

```
<!DOCTYPE html>
<html>
```

```
<head>
<style>
table {
  font-family: arial, sans-serif;
  border-collapse: collapse;
  width: 100%;
}
button{
  background-color: slate;

  color: black;
  padding: 5px 20px;
  text-align: center;

  display: inline-block;
  font-size: 16px;
  margin: 4px 2px;
  cursor: pointer;
}


td, th {
  border: 1px solid #dddddd;
  text-align: left;
  padding: 8px;
}

tr:nth-child(even) {
  background-color: #dddddd;
}
</style>
</head>
<body>
```

```
<h2>BUS ROUTE</h2>
CHENNAI(CMBT) TO VELLORE(NEW BUS STAND)

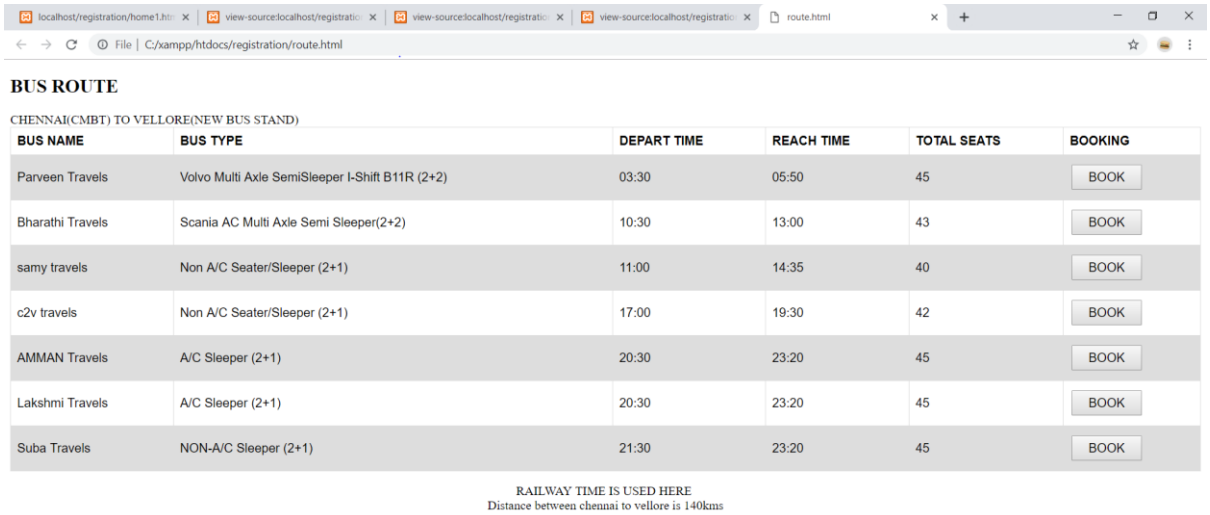
<table>
  <tr>
    <th>BUS NAME</th>
   <TH>BUS TYPE</TH>
    <th>DEPART TIME</th>
    <th>REACH TIME</th>
   <th> TOTAL SEATS</th>
   <th> BOOKING</th>
  </tr>

  <tr><form method="post"   action="pay.html">
    <td>Parveen Travels
</td>
     <td>Volvo Multi Axle SemiSleeper I-Shift B11R (2+2)</td>
   <td>03:30</td>
    <td>05:50</td>
      <td>45</td>
    <td><button><type"submit" name="book">BOOK</td></form>
  </tr>
   <tr>
   <form method="post"   action="pay.html">
    <td>Bharathi Travels</td>
    <td>Scania AC Multi Axle Semi Sleeper(2+2)</td>
    <td>10:30 </td>
    <td>13:00</td>
       <td>43</td>
    <td><button><type"submit" name="book">BOOK</td></form>
  </tr>
  <tr><form method="post"   action="pay.html">
    <td>samy travels</td>
    <td>Non A/C Seater/Sleeper (2+1)   </td>
```

```
  <td>11:00</td>
  <td>14:35</td>
    <td>40</td>
  <td><button><type"submit" name="book">BOOK</td></form>
</tr>
<tr><form method="post"   action="pay.html">
  <td>c2v travels</td>
  <td>Non A/C Seater/Sleeper (2+1)</td>
  <td>17:00</td>
  <td>19:30</td>
    <td>42</td>
  <td><button><type"submit" name="book">BOOK</td></form>
</tr>
<tr><form method="post"   action="pay.html">
  <td>AMMAN Travels</td>
  <td>A/C Sleeper (2+1)</td>
  <td>20:30</td>
  <td>23:20</td>
    <td>45</td>
  <td><button><type"submit" name="book">BOOK</td></form>
</tr>

<tr>
  <td>Lakshmi Travels</td>
  <td>A/C Sleeper (2+1)</td>
  <td>20:30</td>
  <td>23:20</td>
    <td>45</td>
  <td><button><type"submit" name="book">BOOK</td></form>
</tr>
<tr><form method="post"   action="pay.html">
  <td>Suba Travels</td>
  <td>  NON-A/C Sleeper (2+1)</td>
  <td>21:30</td>
```

```
   <td>23:20</td>
     <td>45</td>
   <td><button><type"submit" name="book">BOOK</td></form>
  </tr>
</table>
</table>
<CENTER><p>RAILWAY TIME IS USED HERE <BR>
      Distance between chennai to vellore is 140kms
     </P
<CENTER>
</body>
</html>
```



BUS ROUTE

CHENNAI(CMBT) TO VELLORE(NEW BUS STAND)

BUS NAME	BUS TYPE	DEPART TIME	REACH TIME	TOTAL SEATS	BOOKING
Parveen Travels	Volvo Multi Axle SemiSleeper I-Shift B11R (2+2)	03:30	05:50	45	BOOK
Bharathi Travels	Scania AC Multi Axle Semi Sleeper(2+2)	10:30	13:00	43	BOOK
samy travels	Non A/C Seater/Sleeper (2+1)	11:00	14:35	40	BOOK
c2v travels	Non A/C Seater/Sleeper (2+1)	17:00	19:30	42	BOOK
AMMAN Travels	A/C Sleeper (2+1)	20:30	23:20	45	BOOK
Lakshmi Travels	A/C Sleeper (2+1)	20:30	23:20	45	BOOK
Suba Travels	NON-A/C Sleeper (2+1)	21:30	23:20	45	BOOK

RAILWAY TIME IS USED HERE
Distance between chennai to vellore is 140kms

BUS HIRE:

```
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "registration";
```

```
// Create connection
$conn = mysqli_connect($servername, $username, $password, $dbname);
// Check connection
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}

// sql to create table
$sql = "CREATE TABLE hirebus(

cityofhire VARCHAR(30) NOT NULL,
begins VARCHAR(30) NOT NULL,
ends VARCHAR(25) NOT NULL,
journeydate date NOT NULL,
jounerydays int NOT NULL)";

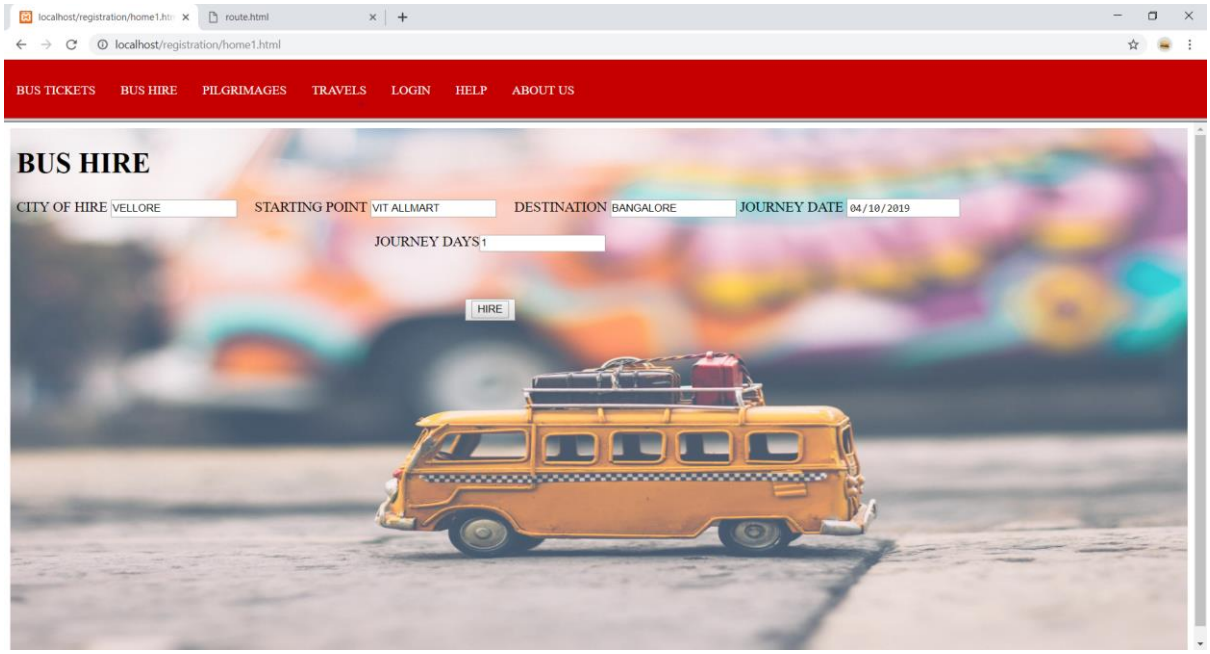


$cityofhire =$_POST['COH'];
$begins=$_POST['start'];
$ends =$_POST['end'];
$journeydate =$_POST['jdate'];
$jounerydays=$_POST['nod'];

$sql="INSERT INTO date(cityofhire,begins,ends,journeydate,jounerydays)
VALUES($cityofhire,$begins,$ends,$journeydate,$jounerydays)";
if(!mysqli_query($conn, $sql))
   {
    echo "error";
} else {
header("location:pay.html");
}

    if ( isset($_POST['HIRE']) ){
   header("location:pay.html");
```

```
  exit();
}
?>
```



PILGRIMAGES:

```
<html>
<head>
<style>


   body{
      background: url(pilbg.jpg) no-repeat;
      background-size: cover;
      background-position: center;
      position: absolute;
      width: 100%;
```

```
        height: 100%;


    }

    input[type=text], select {
    width: "100";
    padding: 6px 20px;
    margin: 8px 0;
    display: inline-block;

}

input[type=submit] {
    width: 20%;
    background-color: #4CAF50;
    color: white;
    padding: 10px 15px;
    margin: 8px 0;
    border: none;
    border-radius: 4px;
    cursor: pointer;
}

input[type=submit]:hover {
    background-color: #45a049;
}

div {
    border-radius: 5px;
    padding: 2px;
    border width: 8px
}
```

```
</head>
   .array{

       top:100%;
       left:40%;
   }

   .pilarray1{
position:absolute;
top:90%;
left:0%;
padding:30px;
width:350px;
height:600px;
 }
 .pilarray2{
 position:absolute;
top:90%;
left:33%;
padding:30px;
width:350px;
height:600px;
 }
 .pilarray3{
position:absolute;
top:90%;
left:65%;
padding:30px;
width:350px;
height:600px;
 }
   .pilhead{
       top:150%;
```

```
        font-size: 40px;
        font-family: sans-serif;
        font-weight: 100;
    }
</style>
 </head>
<body>

<h1>  PILGRIMAGES</h1>

<div>
  <form>
    <label for="from">FROM   </label>
    <input type="text" id="from" name="from" placeholder="arrival" required><br>

    <label for="to">TO     </label>
    <input type="text" id="to" name="to" placeholder="departure" required><br><br>

<label for="travel date">TRAVEL DATE  </label>
<td><select id="month">
<option value="Select">Month</option>
<option value="January">January</option>
<option value="February" >February</option>
<option value="March" >March</option>
<option value="April" >April</option>
<option value="May" >May</option>
<option value="June" >June</option>
<option value="July" >July</option>
<option value="August" >August</option>
<option value="September" >September</option>
<option value="October" >October</option>
<option value="November" >November</option>
<option value="December" >December</option>
</select>  
```

```
<select id="year">
<option value="Select">Year</option>
<option value="2018">2018</option>
<option value="2019">2019</option>

</select> 
<select id="Date">
<option value="Select">Date</option>
<option value="1">1</option>
<option value="2" >2</option>
<option value="3" >3</option>
<option value="4" >4</option>
<option value="5" >5</option>
<option value="6" >6</option>
<option value="7" >7</option>
<option value="8" >8</option>
<option value="9" >9</option>
<option value="10" >10</option>
<option value="11" >11</option>
<option value="12" >12</option>
<option value="13" >13</option>
<option value="14" >14</option>
<option value="15" >15</option>
<option value="16" >16</option>
<option value="17" >17</option>
<option value="18" >18</option>
<option value="19" >19</option>
<option value="20" >20</option>
<option value="21" >21</option>
<option value="22" >22</option>
<option value="23" >23</option>
<option value="24" >24</option>
<option value="25" >25</option>
<option value="26" >26</option>
```

```
<option value="27" >27</option>
<option value="28" >28</option>
<option value="29" >29</option>
<option value="30" >30</option>
<option value="31" >31</option>

</select></td> <br><br>


   <label for="guests"> GUESTS &amp;nbsp;&amp;nbsp;</label>
   <input type=“text"  id="to" name="to" placeholder="GUEST" required>
<br><br><br>

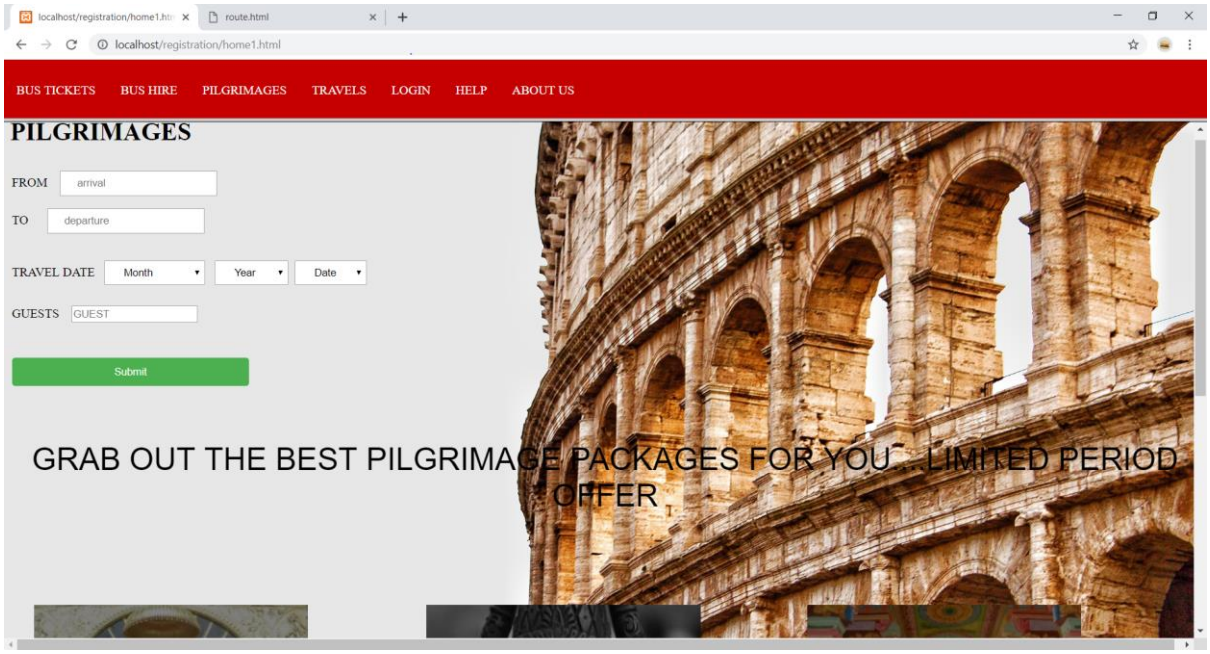
<input type="submit" value="Submit">
</form>
</div>

<div class="content">
<a href="pay.html" target="map">
  <img class="pilarray1" src="pilarray1.jpg">
</a>
<a href="pay.html" target="map">
  <img class="pilarray2" src="pilarray2.jpg" >
</a>
<a href="pay.html" target="map">
  <img class="pilarray3" src="pilarray3.jpg">
</a>


<div class="pilhead">
                <center>
                <p>GRAB OUT THE BEST PILGRIMAGE PACKAGES FOR
YOU....LIMITED PERIOD OFFER</P></div>
```

</body>

</html>



TRAVEL:

<html>

<head>

<style>

```
body{
    background: url(pilbg.jpg) no-repeat;
    background-size: cover;
    background-position: center;
    position: absolute;
    width: 100%;
    height: 100%;


}

input[type=text], select {
width: "100";
padding: 6px 20px;
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```
    margin: 8px 0;
    display: inline-block;

}

input[type=submit] {
    width: 20%;
    background-color: #4CAF50;
    color: white;
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    margin: 8px 0;
    border: none;
    border-radius: 4px;
    cursor: pointer;
}

input[type=submit]:hover {
    background-color: #45a049;
}

div {
    border-radius: 5px;
    padding: 2px;
    border width: 8px
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</head>
    .array{

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height:600px;
 }
 .pilarray3{
position:absolute;
top:90%;
left:65%;
padding:30px;
width:350px;
height:600px;
 }
    .pilhead{
        top:150%;
        font-size: 40px;
        font-family: sans-serif;
        font-weight: 100;
    }
</style>
 </head>
<body>
```

```
<h1>  PILGRIMAGES</h1>

<div>
  <form>
    <label for="from">FROM   </label>
    <input type="text" id="from" name="from" placeholder="arrival" required><br>

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<label for="travel date">TRAVEL DATE  </label>
<td><select id="month">
<option value="Select">Month</option>
<option value="January">January</option>
<option value="February" >February</option>
<option value="March" >March</option>
<option value="April" >April</option>
<option value="May" >May</option>
<option value="June" >June</option>
<option value="July" >July</option>
<option value="August" >August</option>
<option value="September" >September</option>
<option value="October" >October</option>
<option value="November" >November</option>
<option value="December" >December</option>
</select>  
<select id="year">
<option value="Select">Year</option>
<option value="2018">2018</option>
<option value="2019">2019</option>

</select> 
<select id="Date">
<option value="Select">Date</option>
```

```
<option value="1">1</option>
<option value="2" >2</option>
<option value="3" >3</option>
<option value="4" >4</option>
<option value="5" >5</option>
<option value="6" >6</option>
<option value="7" >7</option>
<option value="8" >8</option>
<option value="9" >9</option>
<option value="10" >10</option>
<option value="11" >11</option>
<option value="12" >12</option>
<option value="13" >13</option>
<option value="14" >14</option>
<option value="15" >15</option>
<option value="16" >16</option>
<option value="17" >17</option>
<option value="18" >18</option>
<option value="19" >19</option>
<option value="20" >20</option>
<option value="21" >21</option>
<option value="22" >22</option>
<option value="23" >23</option>
<option value="24" >24</option>
<option value="25" >25</option>
<option value="26" >26</option>
<option value="27" >27</option>
<option value="28" >28</option>
<option value="29" >29</option>
<option value="30" >30</option>
<option value="31" >31</option>

</select></td> <br><br>
```

```
   <label for="guests"> GUESTS &amp;nbsp;&amp;nbsp;</label>
   <input type=“text"  id="to" name="to" placeholder="GUEST" required>
<br><br><br>

<input type="submit" value="Submit">
</form>
</div>

<div class="content">
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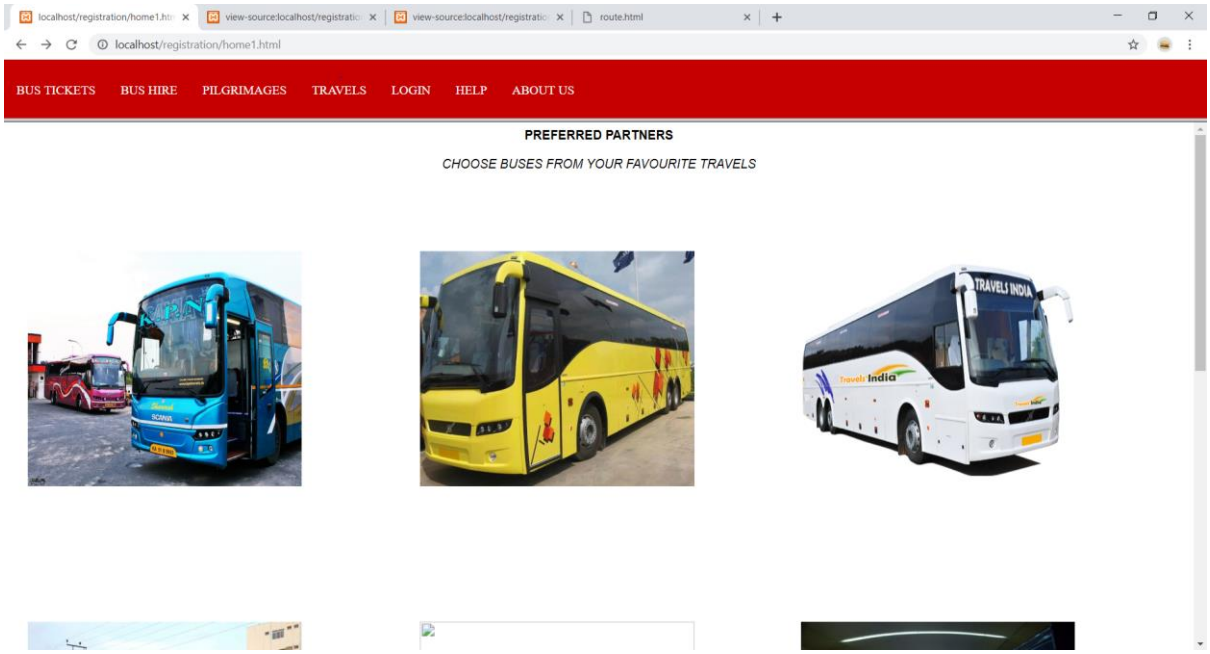
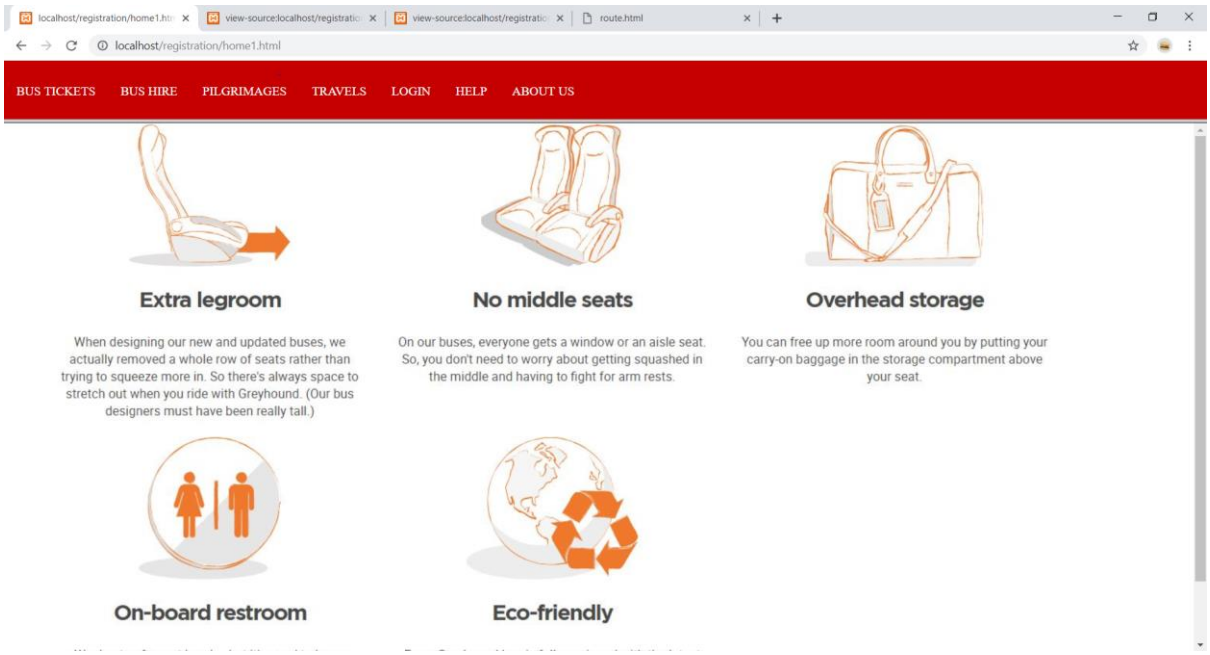
  <img class="pilarray1" src="pilarray1.jpg">
</a>
<a href="pay.html" target="map">
  <img class="pilarray2" src="pilarray2.jpg" >
</a>
<a href="pay.html" target="map">
  <img class="pilarray3" src="pilarray3.jpg">
</a>


<div class="pilhead">
                <center>
                <p>GRAB OUT THE BEST PILGRIMAGE PACKAGES FOR
YOU....LIMITED PERIOD OFFER</P></div>

</body>
```

</html>





HELP:

<html>

<body>

<b>

<CENTER>

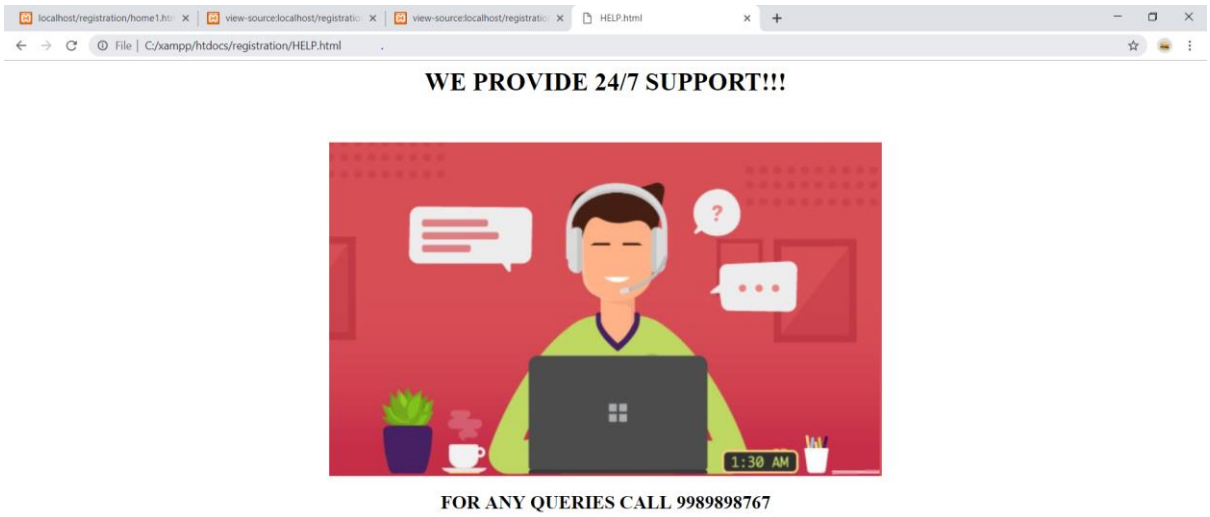
<h1>WE PROVIDE 24/7 SUPPORT!!!</H1>

<img src="helppic.jpg">

<H2>FOR ANY QUERIES CALL 9989898767<H2></b>

</body>

</html>



ABOUT US:

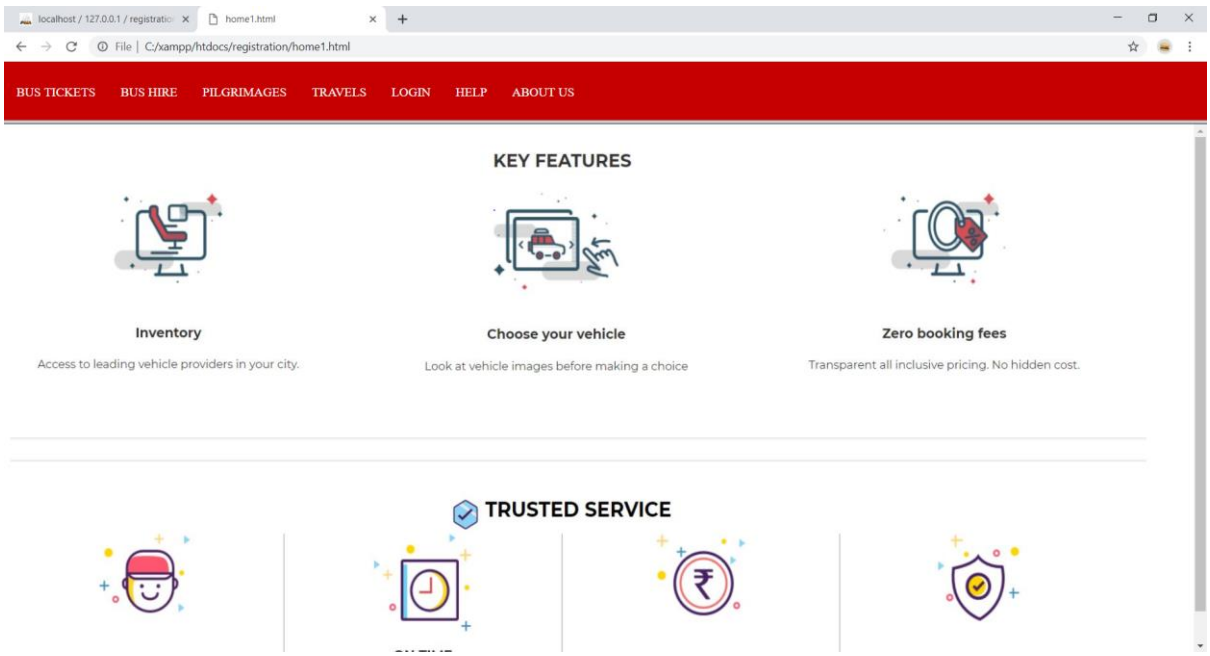
<html>

<body>

<img src="hirebg.jpg" width="1450" height="700">

</body>

</html>



6.3 FUNCTIONALITY:

The details of the buses, Price list, and Employee details are to be maintained and controlled . Also first the user needed to login first in order to perform the booking actions. Calculations of the charges are to be implemented. The details of the buses and seats available are to be maintained and can be updated regularly , Booking form and the pricing list are to be maintained in separate pages. There should be new update, cancel and search options available

6.4 NON -FUNCTIONALITY:

Functional requirements defines the needs in terms of performance logical database requirements, design constraints, standards compliance, reliability, availability, security, maintainability and as well as portability

RESULT

DATE	8 July 201	TERM	Transit
FIRST NAME	Shittu	LAST NAME	Okiki
TEL.	08034547654	ADDRESS	N06, obafemi awolowo Road, ilorin
AMOUNT	#2200		
Transport business with integrity...			

SUMMARY

From our study Online Bus Ticket Reservation System is Windows based application that works within centralized network. The software program Online Ticket Reservation System provides bus transportation system, a facility to reserved seats, cancellation of seats, and different types of enquiry which need an quick and instant reservation. OBTRS is built for managing and computerize the traditional database, ticket booking, tracking bus and travel made easy. It maintains all data of users, bus details, reservation details, booking details and customer details.

REFERENCES

The Joy of PHP Programming: A Beginner's Guide – by Alan Forbes

https://www.phpjabbers.com/bus-reservation-system/

https://www.researchgate.net/publication/326468848_online_Bus_Ticket_Reservation_System

Java Script - ALEXEI WHITE

Learning Web Design - JENNIFER NIEDERST ROBBINS

CSS and HTML - CRAIG GRANNELL

Web Design

(FOREWORD BY JON HICKS. HICKSDESIGN)