CSE2026 – Cloud Computing
J Component Report

A project report titled

Cloud based Bus Ticket Booking System

By

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BACHELOR OF TECHNOLOGY
IN
COMPUTER SCIENCE AND ENGINEERING with specialization in CYBER PHYSICAL SYSTEMS

4/5/2022

Submitted to

Dr. Priyaadharshini M

School of Computer Science and Engineering

VIT®

Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

April 2022

DECLARATION BY THE CANDIDATE

I hereby declare that the report titled "**CLOUD BASED BUS TICKET BOOKING SYSTEM**" submitted by us to VIT Chennai is a record of bona-fide work undertaken by us under the supervision of **Dr. Priyadharshini** M, Associate Professor, SCOPE, Vellore Institute of Technology, Chennai.

Signature of the Candidate   Signature of the Candidate   Signature of the Candidate

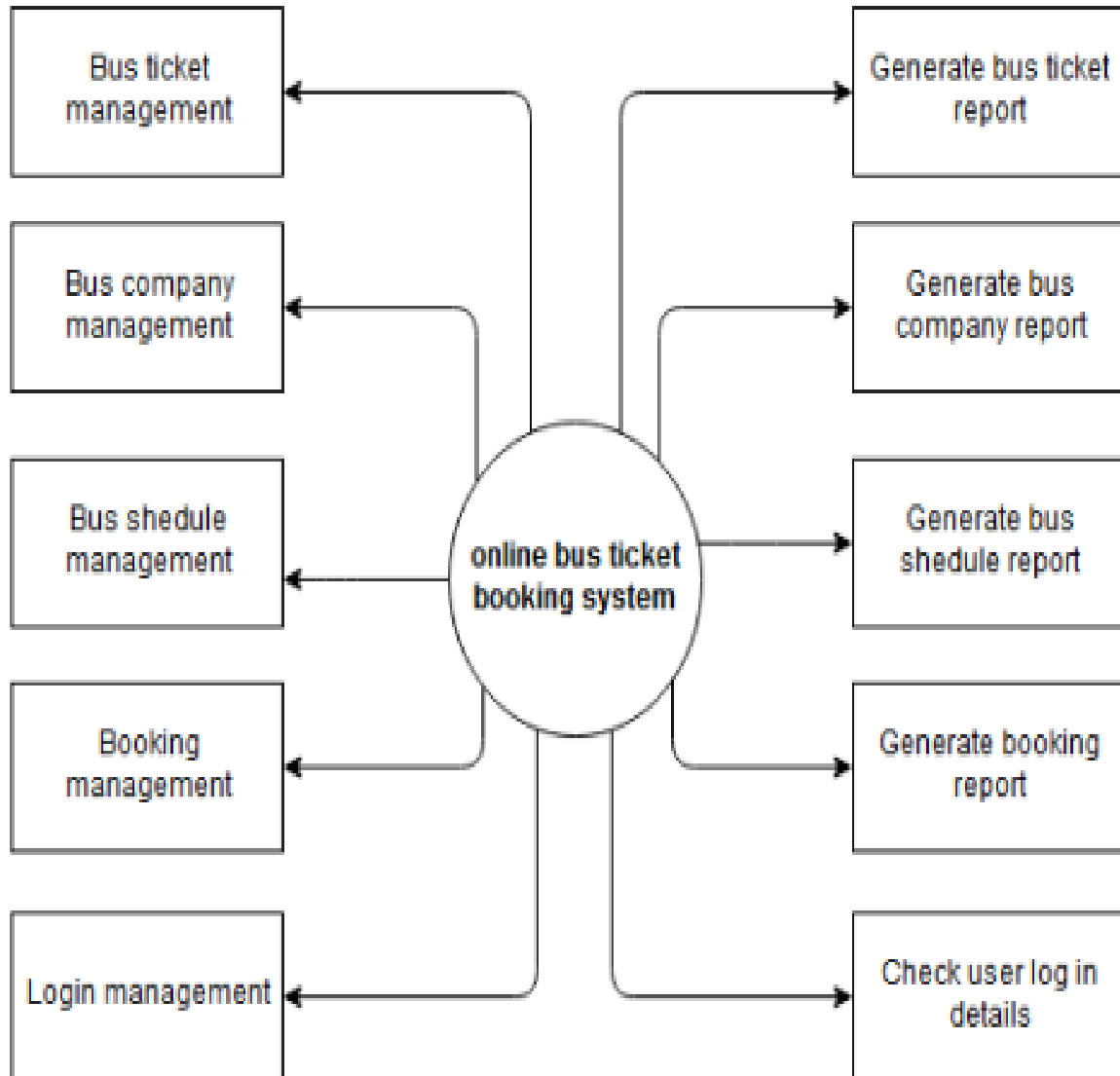Anil   Surya Prakash   Hanuman
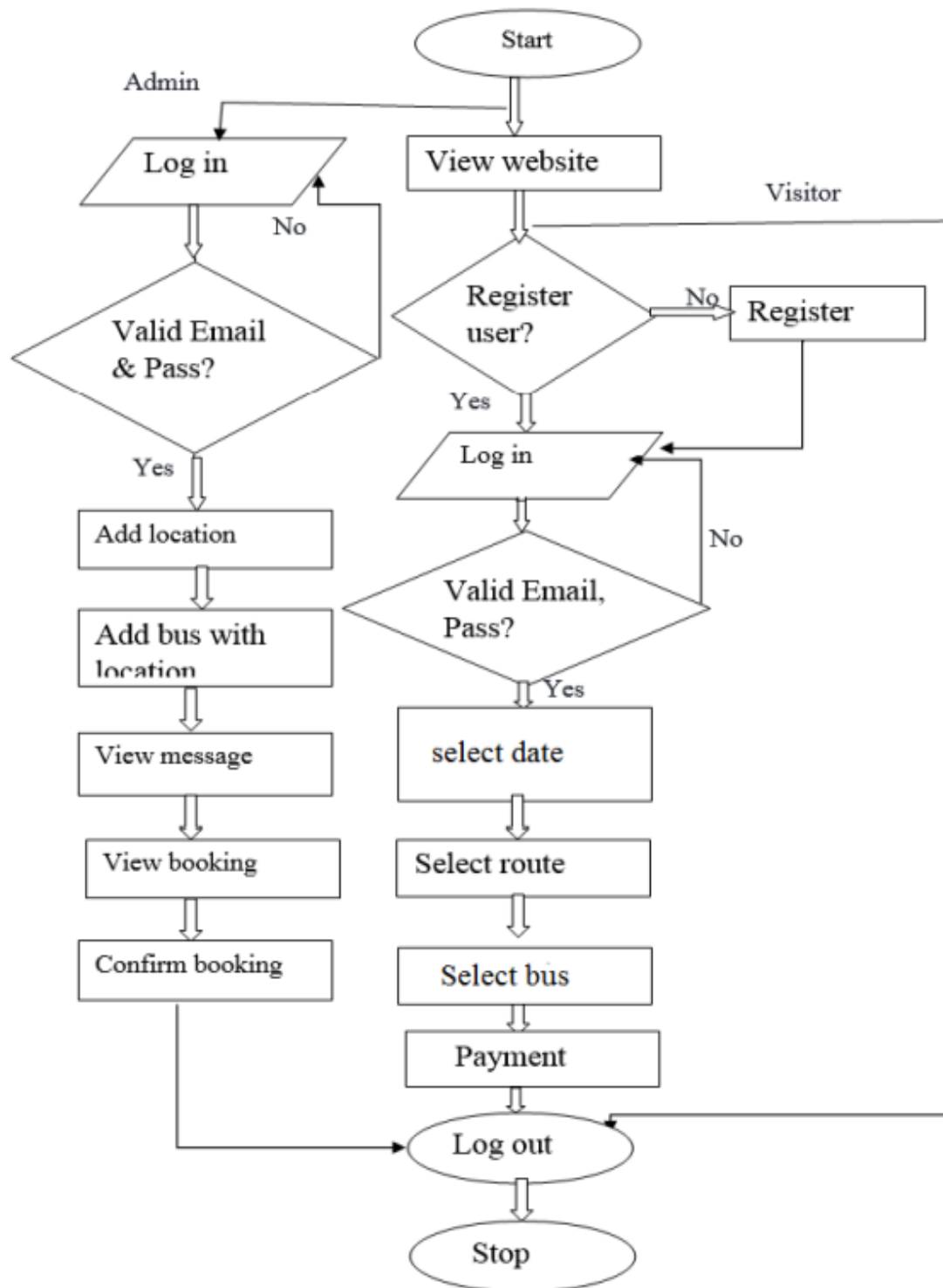
TABLE OF CONTENTS

Abstract

Traveling is a large growing business across all countries. Bus reservation system deals with maintenance records of each passenger. It also includes maintenance of information like schedule and details of each bus. The working of the bus reservation system that there are many operations, which are to do manually. It takes a lot of time and causing many errors while data entry. Due to this, sometimes a lot of problems occur and facing many disputes with customers. To solve the above problem, and further maintaining records of passenger details, seat availability, price per seat, bill generation and other things, this is the proposal of computerized reservation system. By using the proposed system, people can reserve tickets from any part of the world via internet. Customer can check availability of bus and reserve selective seats. The project provides and checks all sorts of constraints so that user does give only useful data and thus validation is done in an effective way. The proposed bus reservation system was developed using Hypertext Markup Language (HTML), PHP Hypertext Preprocessor (PHP), Structure Query Language (SQL), Ajax, Cascading Style Sheet (CSS), and JavaScript. Keywords: Online bus ticketing system, electronic payment system web development, Online reservation system, Routes plan, Price and Seat plan

Architecture:

Bus ticket management	← →	Generate bus ticket report
Bus company management	← →	Generate bus company report
Bus shedule management	← **online bus ticket booking system** →	Generate bus shedule report
Booking management	← →	Generate booking report
Login management	← →	Check user log in details

Flow Chart

Flow Chart

Admin → Log in
Start → View website

Log in → Valid Email & Pass?
No → (back to Log in)
Yes → Add location

Valid Email & Pass?
Yes → Add location

Add location → Add bus with location → View message → View booking → Confirm booking → Log out

View website → Register user?
Register user? No → Register
Register user? Yes → Log in
Visitor → Log out

Register → Log in

Log in → Valid Email, Pass?
No → (back to Log in)
Valid Email, Pass? Yes → select date

select date → Select route → Select bus → Payment → Log out

Log out → Stop

OBJECTIVES

The aim of this project is to develop a cloud-based bus ticketing and payment system, for transport authority to satisfy a facility of all transaction online with effectiveness to achieve the below objectives:

1. Now a day's public local transportation system is still using the traditional ways for ticket booking. People need to stand in queues for long hours. Some people travel via public localtransport without purchasing the ticket. Hence, our proposed system will give the solution
2. To enable passenger to check the availability of the bus ticket, check the time of departure andarrival for every Transnational's bus online through the system.
3. To provide a passenger with a web-based bus ticket functions that enable passenger to reserve/book bus ticket through the online system and no need to queue up in the counter.
4. To enable a customer to cancel/postpone a booked ticket and also rate a driver after travellingwith the company bus.
5. To ease the bus ticket payment online using Credit Card (e.g., Master Card, Visa Card, inters which and Verve card) or bank payment by presenting a bank payment teller during the process ofregistration.

LIST OF MODULES: -

1. Admin Module

2. Bookings and cancellation Module

3. Users Module

DETAILED DESCRIPITION OF MODULES

1. Users Module

This module deals with addition and deletion of routes, buses available, pick-up points, droppingpoints, bus codes, passenger details and bus details. He has the complete control over the application. Only admin can perform these functionalities.

2. Bookings and cancellation Module

The following functionalities are included in this

moduleSearch routes
Select bus
Select seats and pick up points
Provide information and payment
gatewayPrint booked ticket
Cancel the ticket

3. Users Module

The user can see bus details, check availability, book the ticket, make an inquiry, and make payment toconfirm a seat. At any point of time before boarding of bus customer has all right to cancel tickets.

Individual Contribution:

1. Admin Module: - M. Anil
2. Bookings and cancellation Module: - M. HANUMAN SAI
3. Users Module: - N. SURYA PRAKASH

REQUIREMENTS

HARDWARE REQUIREMENTS: -

OS requirements: Windows 10 and above
Ram: 6 GB
Hard Disk: 50 GB
Processor: ryzen5, Pentium, intel 4

SOFTWARE REQUIREMENTS: -

Languages used: HTML, CSS, PHP
Data base: MYSQL
Cloud: AWS Cloud Service

RESULTS

The files:

> This PC > Downloads > bus booking reservation system.zip > bus booking reservation system

Name	Type	Compressed size	Password p...	Size	Ratio	Date modified
css	File folder					04-05-2022 07:46
dashboard	File folder					04-05-2022 07:46
fonts	File folder					04-05-2022 07:46
images	File folder					04-05-2022 17:00
js	File folder					04-05-2022 07:46
model	File folder					04-05-2022 07:46
Project files	File folder					04-05-2022 07:47
about.php	PHP File	1 KB	No	3 KB	64%	04-05-2022 06:57
bus_ticket_booking.sql	SQL File	3 KB	No	14 KB	78%	30-04-2022 21:07
contact.php	PHP File	1 KB	No	2 KB	57%	30-04-2022 21:07
footer.php	PHP File	1 KB	No	1 KB	52%	04-05-2022 06:58
header.php	PHP File	1 KB	No	3 KB	60%	30-04-2022 21:07
header2.php	PHP File	1 KB	No	3 KB	65%	30-04-2022 21:07
img_avatar.png	PNG File	8 KB	No	9 KB	2%	30-04-2022 21:07
index.php	PHP File	2 KB	No	7 KB	75%	04-05-2022 07:12
logout.php	PHP File	1 KB	No	1 KB	14%	30-04-2022 21:07
README.md	MD File	1 KB	No	1 KB	61%	30-04-2022 21:07
register_handler.php	PHP File	1 KB	No	1 KB	0%	30-04-2022 21:07
service.php	PHP File	1 KB	No	4 KB	81%	30-04-2022 21:07
style.css	Cascading Style Sheet Do...	2 KB	No	4 KB	66%	30-04-2022 21:07
ticket_booking.php	PHP File	3 KB	No	22 KB	88%	01-05-2022 15:30
user.php	PHP File	3 KB	No	7 KB	68%	30-04-2022 21:07
verifiy-code.php	PHP File	2 KB	No	4 KB	72%	30-04-2022 21:07

DEMO:

1. WEBSITE
2. XAMPP
3. AZURE
4. CHATBOT

➔ Home page of the website
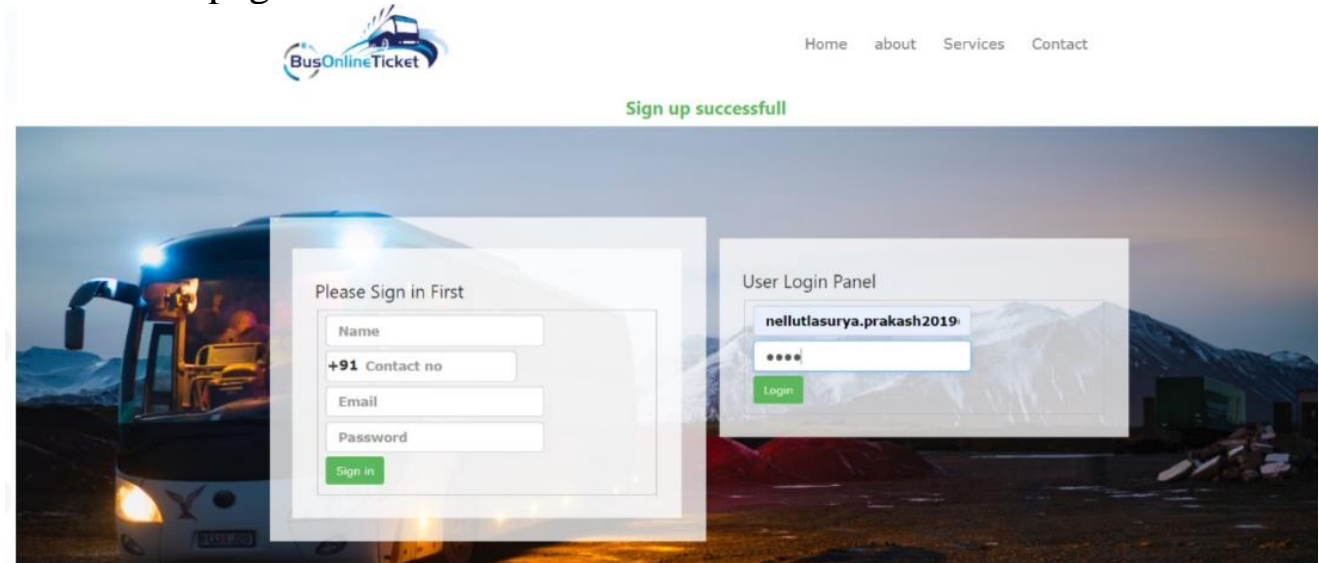
➔ Connecting to xampp server
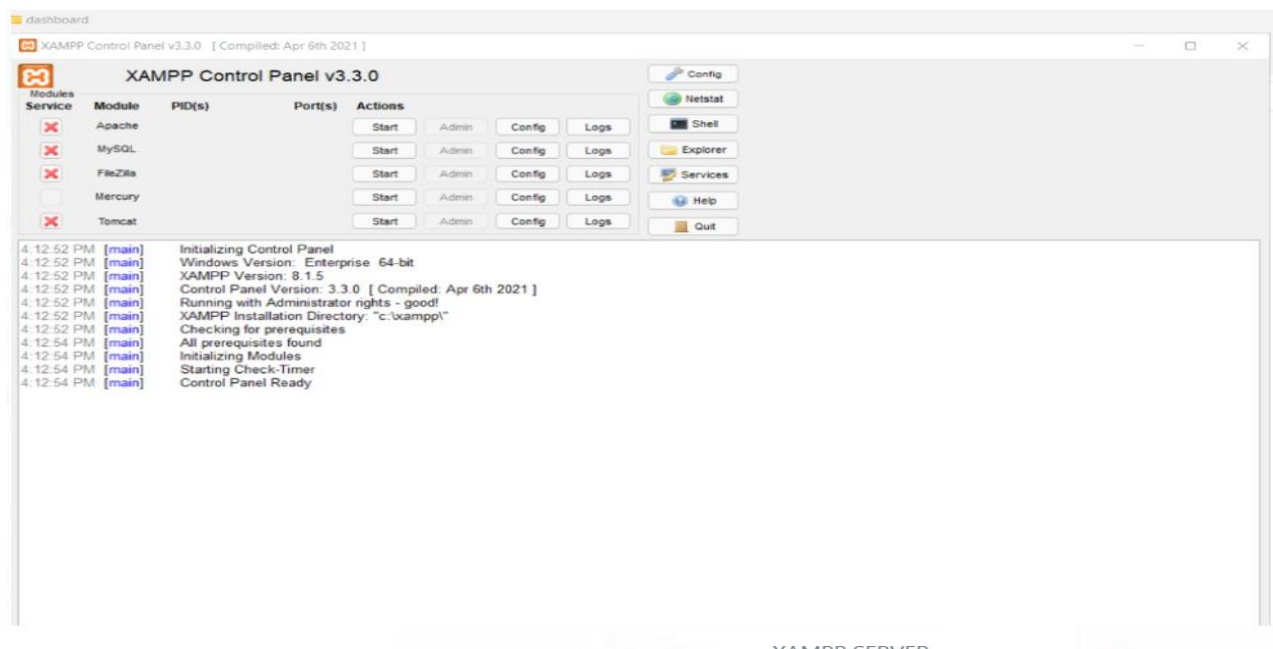
➔ First Sign in and then Log in
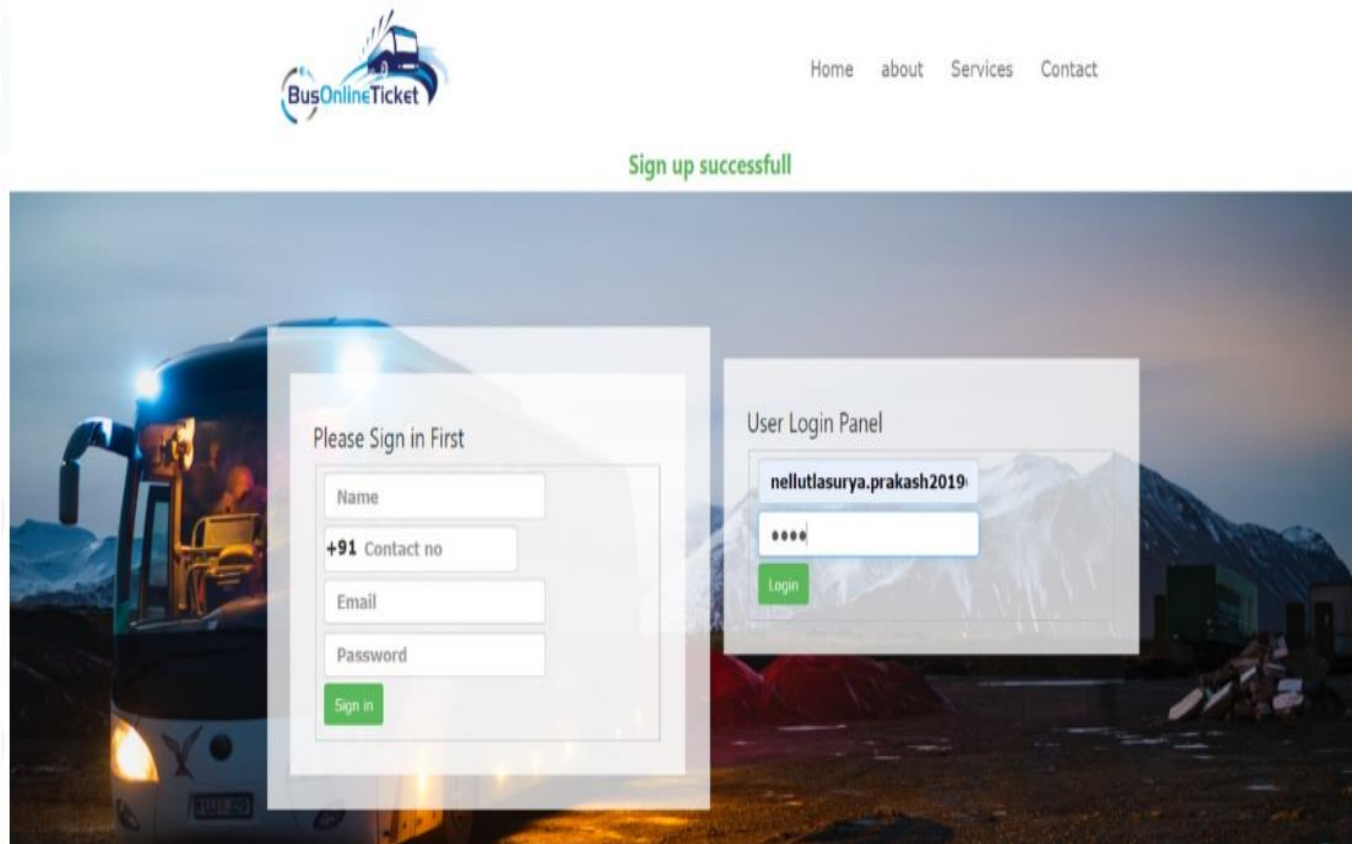
➔ Booking Ticket for a particular date by selecting date
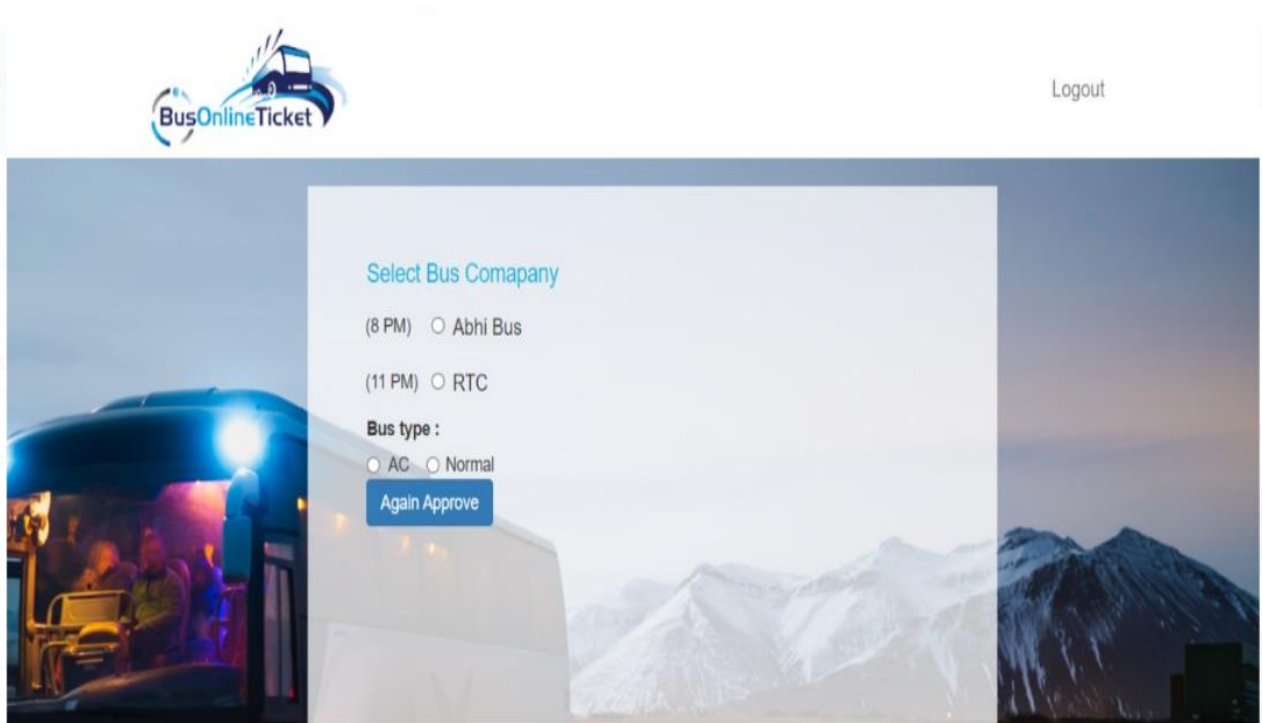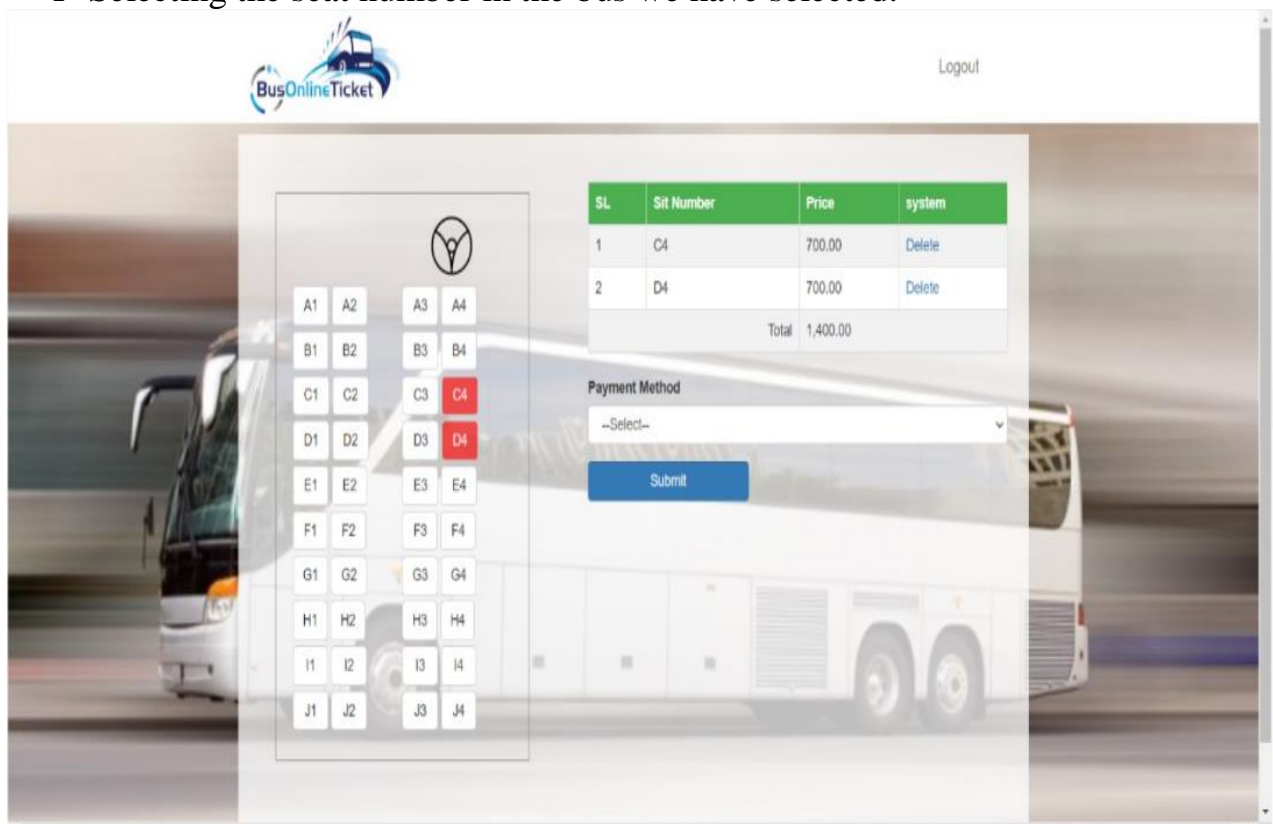
➔ Selecting type of bus we want to book

➔ Selecting the seat number in the bus we have selected.

➔ After booking ticket it will be displayed in the website as below

Name: Surya_555

Destination: DELHI - Hyderabad

Start time: 8 PM

Bus seat number:

Booking date: 2022-05-06

Booking time: 10:37:31pm

Price: 0

Payment by: Paytm

Bus type: Normal
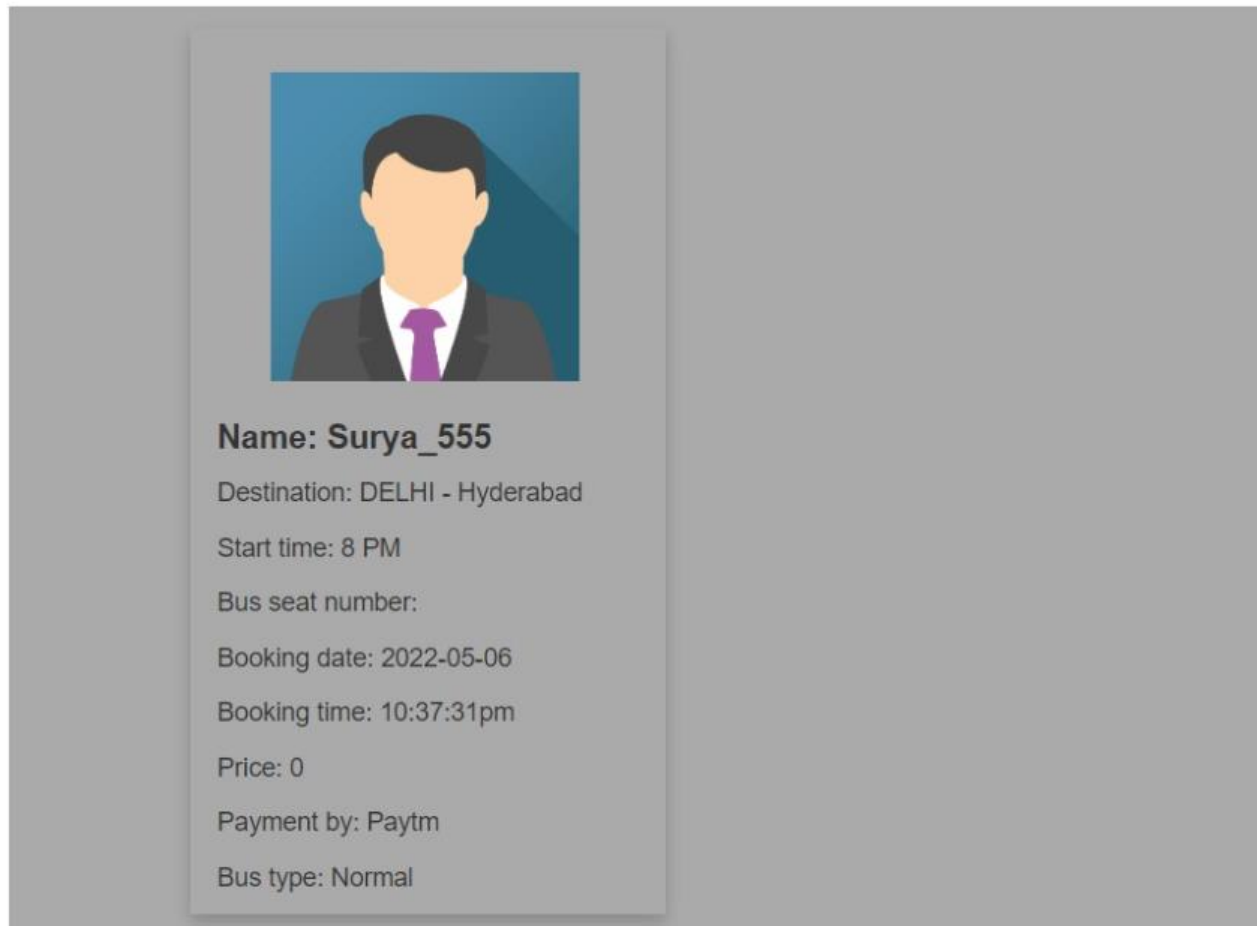
➔ Working of xampp is shown below
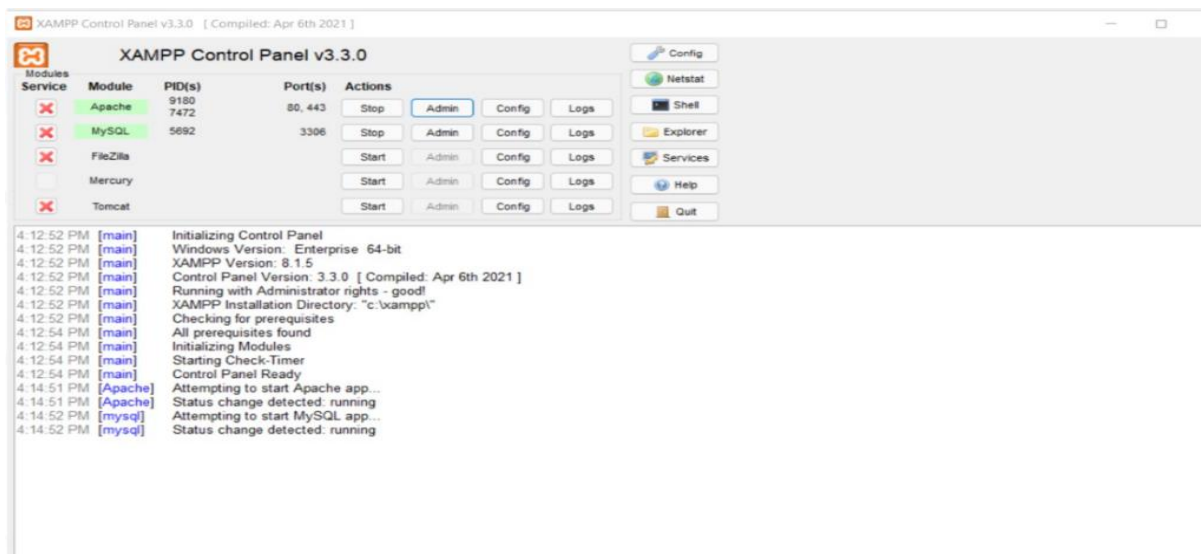
AFTER STARTING XAMPP SERVER
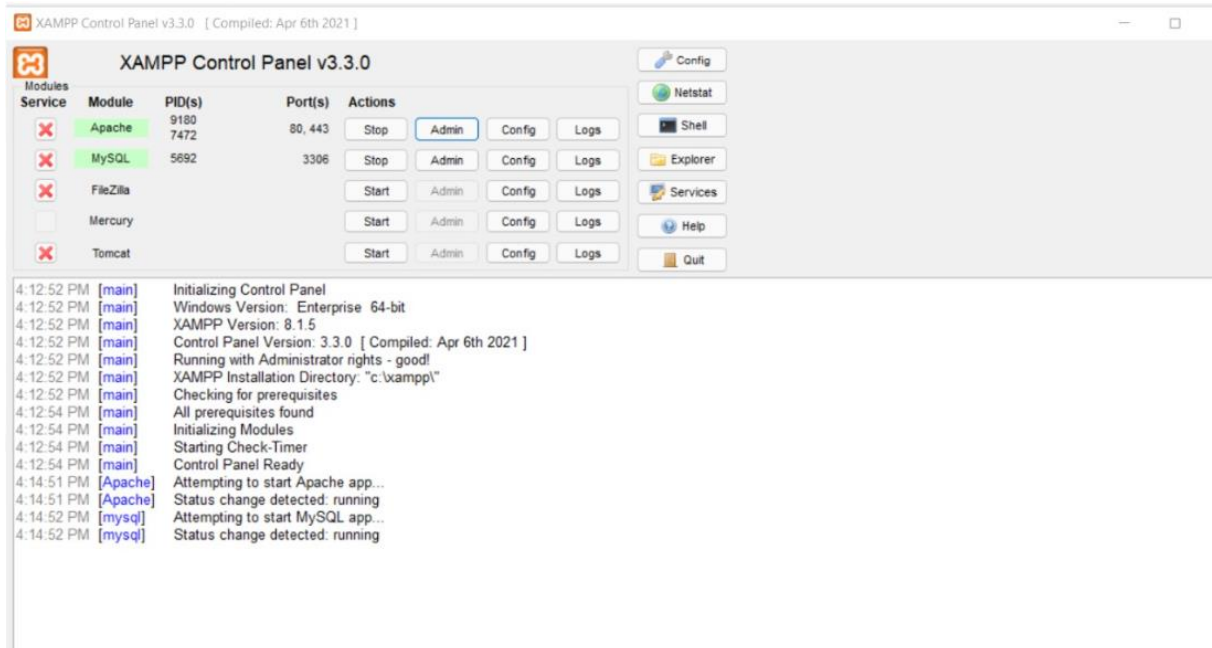
→ The database that we used is shown below:

← T →				bus_location_id	from_id	to_id	company_id	price	time
☐	🖊 Edit	ᴈᴇ Copy	⊝ Delete	4	1	2	3	700	8 PM
☐	🖊 Edit	ᴈᴇ Copy	⊝ Delete	5	2	6	4	500	7 PM
☐	🖊 Edit	ᴈᴇ Copy	⊝ Delete	6	1	7	2	500	9 PM
☐	🖊 Edit	ᴈᴇ Copy	⊝ Delete	7	1	2	2	700	11 PM
☐	🖊 Edit	ᴈᴇ Copy	⊝ Delete	8	8	5	5	200	7 PM
☐	🖊 Edit	ᴈᴇ Copy	⊝ Delete	9	2	8	5	400	10 PM
☐	🖊 Edit	ᴈᴇ Copy	⊝ Delete	10	2	7	2	777	10 PM
☐	🖊 Edit	ᴈᴇ Copy	⊝ Delete	11	8	4	6	450	09:30 PM

➔ The location of files that we deployed in the VM is shown below
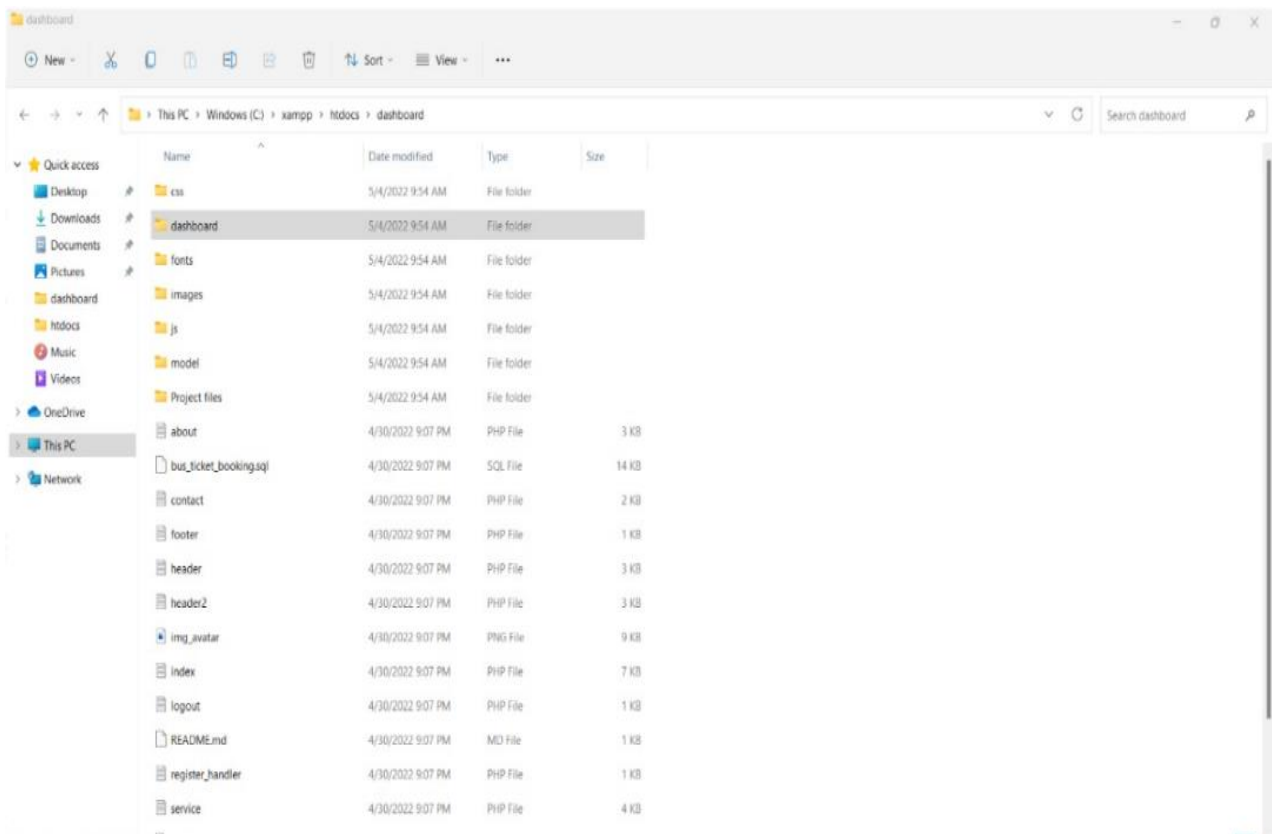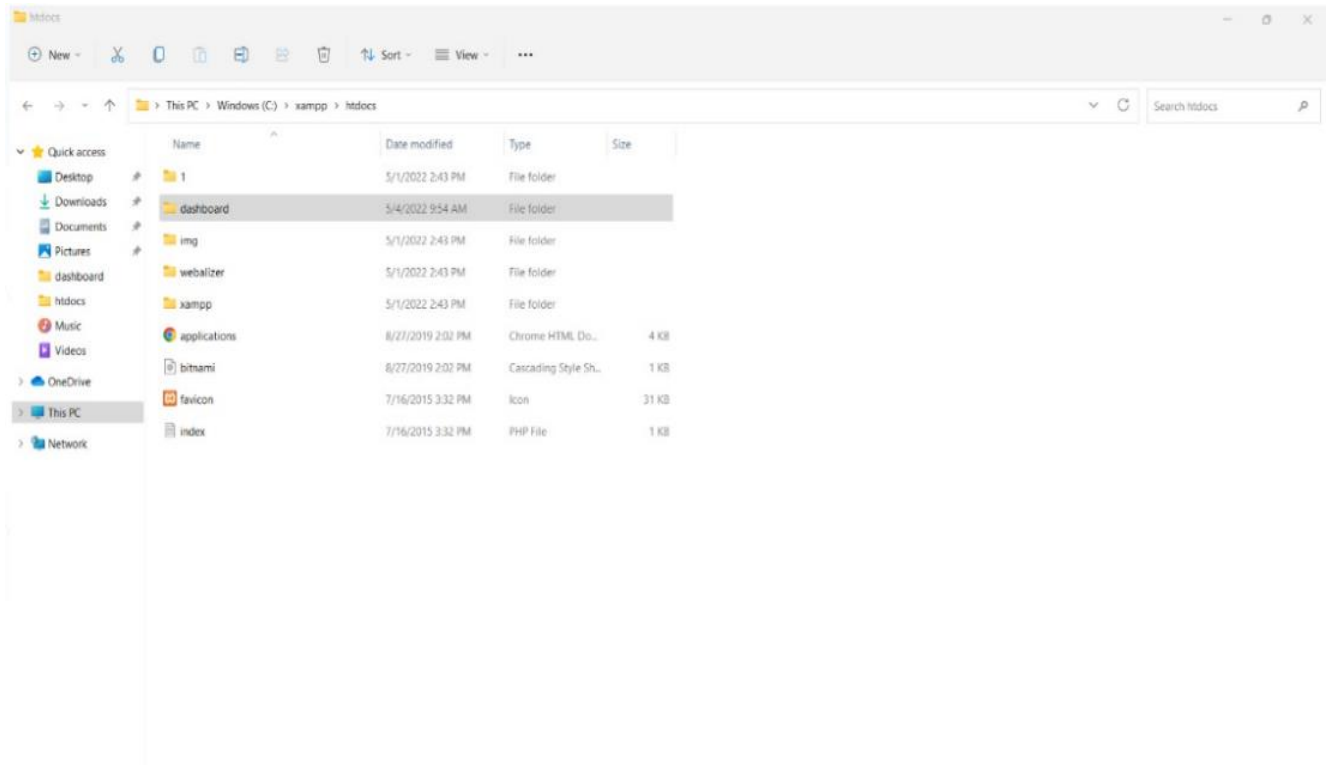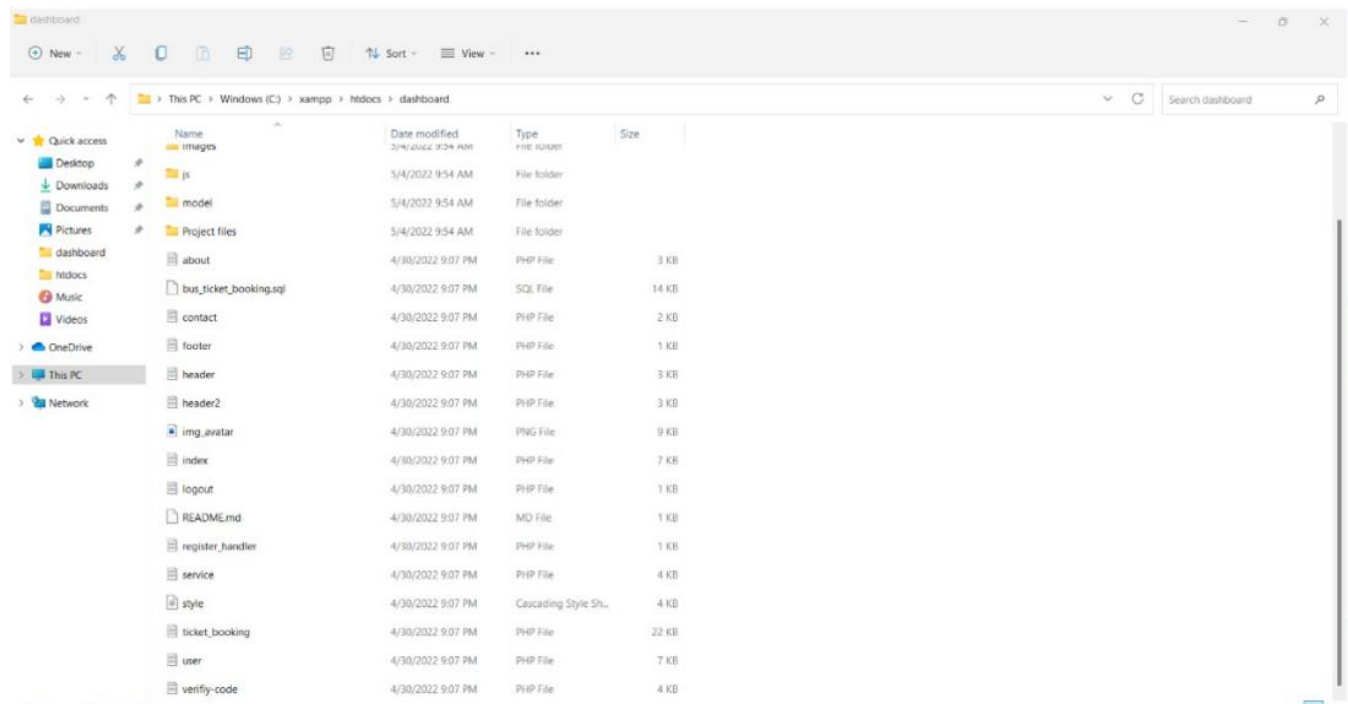
➔ Deploying our website in Microsoft Azure VM
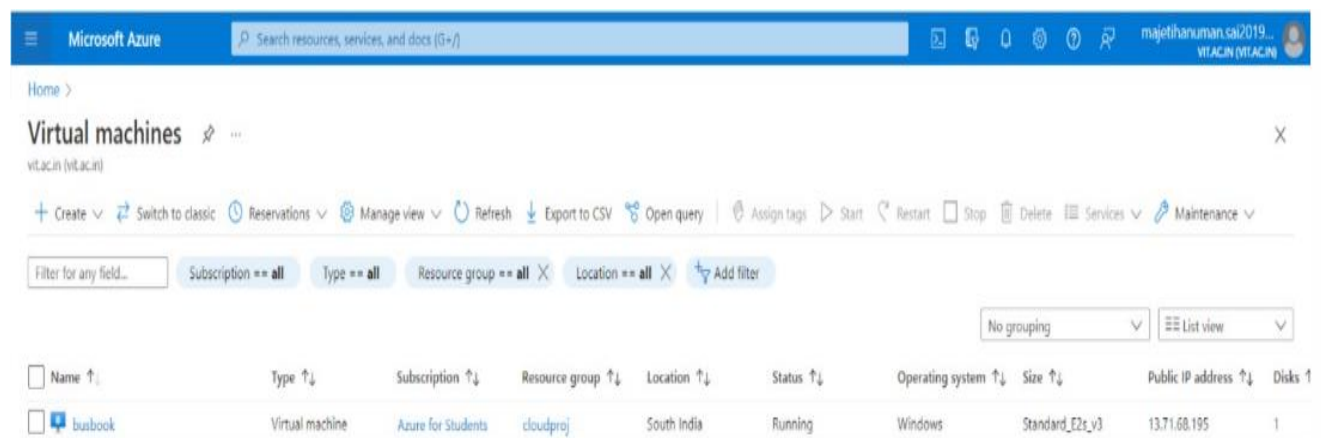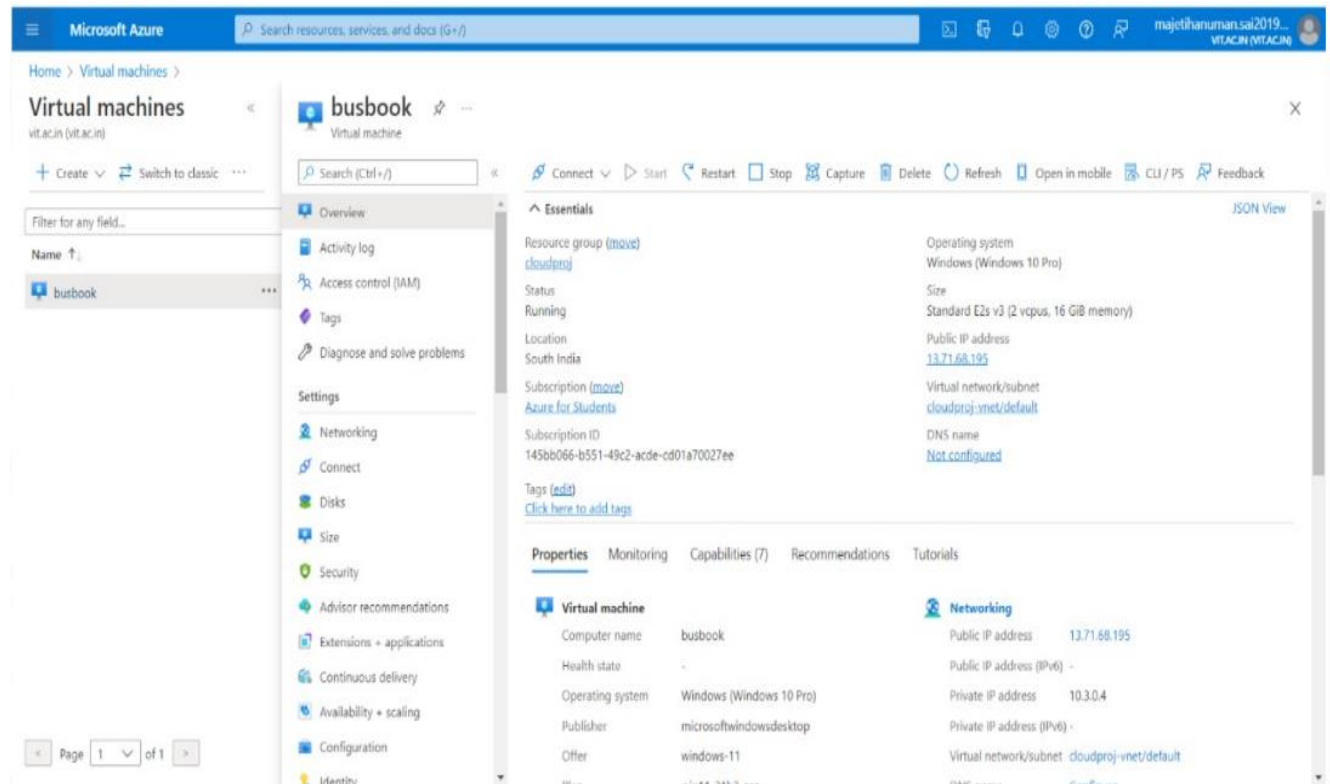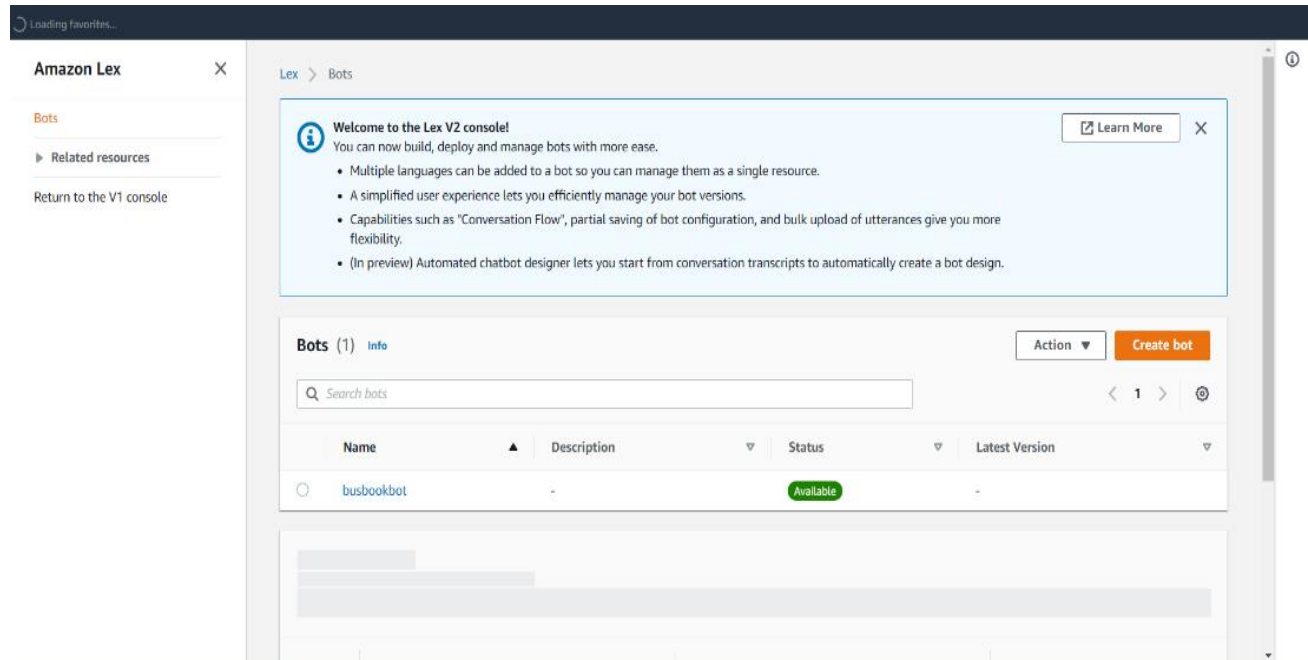
➔ The VM that we created in Microsoft Azure
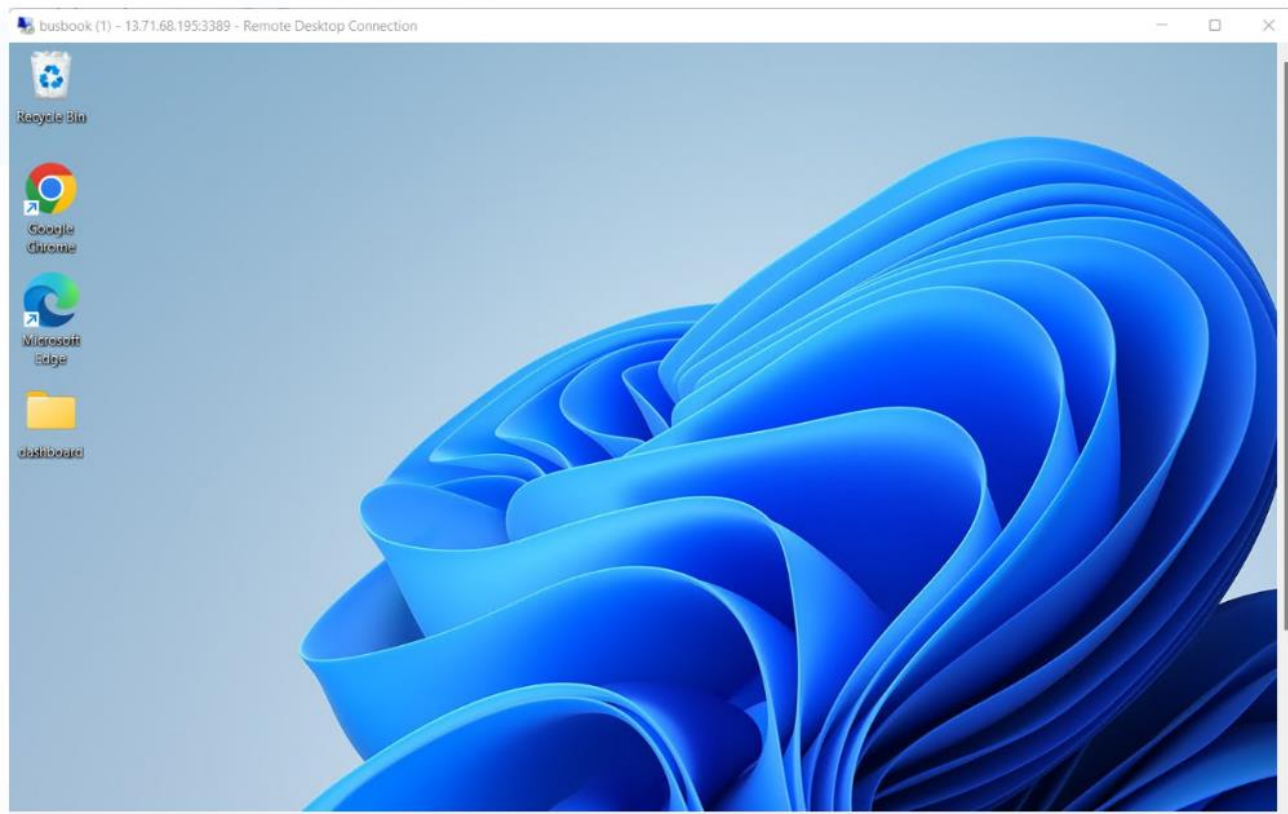
➔ CHAT BOT in AWS

Amazon Lex ✕

Bots

busbookbot

  Bot versions

    Draft version

      All languages

      ▼ English (IN)

        Intents

        Slot types

  ▼ Deployment

    Aliases

    Channel integrations

  ▼ Analytics

    CloudWatch metrics

    Utterances statistics

▶ Related resources

Return to the V1 console

Lex › Bots › Bot: busbookbot › Versions › Version: Draft › All languages › Language: English (IN) › Intents

Intents (3) Info

Delete | Add intent ▾

An intent represents an action that the user wants to perform.

🔍 Search intents

‹ 1 › ⚙

Name ▽	Description	Last edited ▾
◯ RajTravels	Intent to book a hotel on StayBooker	3 days ago
◯ BookCar	Intent to book a car on StayBooker	5 days ago
◯ FallbackIntent	-	5 days ago

Draft version ▾ | English (IN) | Successfully built | Build | Test
Bot version | Language

Amazon Lex ✕

‹ Back to intents list

🔍 Search

Sort by last updated ▾

RajTravels
BookCar
FallbackIntent

All intents list (3)

▶ **Conversation flow** Info

▼ **Intent details** Info

Intent name

RajTravels

Maximum 100 characters. Valid characters: A-Z, a-z, 0-9, -, _

Description - *optional*

Intent to book a hotel on StayBooker

Maximum 200 characters.

ID: FRX8GY4GVS

▼ **Sample utterances (3)** Info

Representative phrases that you expect a user to speak or type to invoke this intent. Amazon Lex extrapolates based on the sample utterances to interpret any user input that may vary from the samples. The priority order of the sample utterances is not used to determine intent classification output.

Test Draft version ↻ ⚙ ✕
Last build submitted: 7 hours ago

Inspect

> book a bus ticket

Where you want to book?

> hyderabad

What day you want to book?

> tuesday

How many tickets you want to book?

⊘ Ready for complete testing

🎤 Type a message

Draft version ▾ | English (IN) | Successfully built | Save intent | Build | Test
Bot version | Language

➜ Working of a chat bot

Test Draft version
Last build submitted: 7 hours ago

Inspect

> book a bus ticket

Where you want to book?

> hyderabad

What day you want to book ?

> tuesday

How many tickets you want to book?

⊘ Ready for complete testing

🎤 Type a message

Save intent | Build | Test

Test Draft version
Last build submitted: 7 hours ago

Inspect

> 5

What type of bus you would like to book?

> deluxe

do u want meal in travel

> veg

on whose name you want to book

⊘ Ready for complete testing

🎤 Type a message

Save intent | Build | Test

Test Draft version
Last build submitted: 7 hours ago

Inspect

What type of bus you would like to book?

> deluxe

do u want meal in travel

> veg

on whose name you want to book

> bala

⊘ Ready for complete testing

🎤 Type a message

Save intent | Build | Test

Test Draft version
Last build submitted: 7 hours ago

Inspect

can u give your mobile no. for sending booking status

> 7897897890

which berth u prefer to have

> upper

Dear bala,your 2022-05-10for travelling to hyderabadof upper and ticket will sent shortly to this7897897890

⊘ Ready for complete testing

🎤 Type a message

Save intent | Build | Test

Test Draft version
Last build submitted: 7 hours ago

Inspect

this7897897890

yes

The process is completed, thank you

Thanks for booking with us , Happy Journey...

✓ Ready for complete testing

🎤 Type a message

Save intent | Build | Test

▼ **Conversation flow** Info

Book a bus ticket

Initial request - sample utterance 👤

Where you want to book?

Prompt for more information - slot

<city>

Capture information - slot value 👤

What day you want to book ?

Prompt for more information - slot

<date>

Capture information - slot value 👤

How many tickets you want to book?

Prompt for more information - slot

<number>

Capture information - slot value 👤

What type of bus you would like to book?

Prompt for more information - slot

1 of 6

2 of 6

▼ **Conversation flow** Info

Deluxe

Capture information - **slot value** 👤

do u want meal in travel

Prompt for more information - **slot**

<alpha numeric>

Capture information - **slot value** 👤

on whose name you want to book

Prompt for more information - **slot**

3 of 6

<first name>

Capture information - **slot value** 👤

can u give your mobile no. for sending booking status

Prompt for more information - **slot**

<phone number>

Capture information - **slot value** 👤

which berth u prefer to have

Prompt for more information - **slot**

4 of 6

▼ **Conversation flow** Info

<alpha numeric>

Capture information - **slot value** 👤

Dear {traveller},your {CheckInDate}for travelling to {Location}of {berth} and ticket will sent shortly to this{contact}

Confirm intent - **confirmation prompt**

Thankyou for the information we have started the process

Notify that fulfillment started - **fulfillment updates**

we are still working on it thankyou for your patience.

5 of 6

The process is completed, thank you

Fulfillment completed successfully - **success response**

sorry something went wrong, we will get back to you!!

Fulfillment failed to complete - **failure response**

Sorry, we are having issues with the process. We will get back to you.

Fulfillment timed out - **timeout response**

Thanks for booking with us , Happy Journey...

6 of 6

CONCLUSION & FUTURE SCOPE

This application can be easily implemented under various situations. Add new features when require. Reusability is possible when require in this application. There is flexibility in all the modules. This system has a very vast scope in future. The system can be updated in near future when requirement for the same arises, as it is very flexible in terms of expansion. With the proposed software of database Space Manager ready and fully functional the client is now able to manage and hence run the entire work in a much better, accurate and error free manner. The application can be enhanced by many extra features. Some of these features can be summarized as follow:

➔ Improving the user interface, because the user interface always can be improved
➔ Established the system which is able to make payment through electric banking system (EBS) to achieve the payment process.
➔ Develop mobile application, since it is easier to use Develop a version for fees collection in public transport
➔ Provide SMS based alerts and email notifications for bookings.
➔ The wallet can be developed to handle discounts on the point's basis. It can also be used to provide referral code concept for referring friends.
➔ Chat feature can be included in the application to chat with customer care.
➔ Feature that will allow the customer to save favorite routes and provide discounts for same.
➔ Introduce coupon management for providing coupons which customers can use to avail discounts.
➔ Check whether the seats are arranged in proper manner like the neighbors of the ladies should be ladies.
➔ Design the system to provide worldwide travel facilities
➔ Provide Payment protection.
➔ Design the system to online fraud prevention

REFERENCES

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2. Shingare A, Pendole A, Chaudhari N, Deshpande P, Sonavane S. GPS Supported City BusTracking Smart Ticketing System. IEEE transactions; 2016
3. Sankarananrayanan S, Hamilton P. Mobile Enabled Bus Tracking and Ticketing System. IEEEtransactions; 2015.
4. Zhu J, Kim KH, Mohapatra P, Congdon P. An Adaptive Privacy-Preserving Scheme for Location Tracking of a Mobile User. 2013 IEEE International Conference on sensing, Communication andnetworking; 2014.
5. https://www.youtube.com/watch?v=xt1Z7s5zpJM

COMPLETE CODE

```php
<?php include_once'header2.php'; ?>

<section id="contact">
 <div class="container">
  <div class="well well-sm" style="text-align: center;background: #009cd9;">
   <h3><strong>Online Bus Ticket Reservation System</strong></h3>
  </div>

 <div class="row">
  <div class="well" style="margin: 0px 20px 0px 20px; background-color: #cbcbcb;">
    <h3>OBRS is a system that helps people to buy their ticket at home thought the help of any device capable
of browsing.</h3>
    <h3>Terms & condition</h3>
    <p>1.You can capable of booking ticket when you are become a user of our system(first sign in and then
logged in).</p>
    <p>2.You can contact with us through contact button displayed at homepage.</p>
    <p>3.You can not buy more than four ticket in a day.</p>
  </div>
    <br>

    <div style="text-align: center;">
      <h3><strong>Group Work Done By</strong></h3>
    </div>
    <div class="w3-row w3-container">
     <div class="w3-col s4 w3-green w3-center">
      <div class="card">
       <img src="images/abc.jpg" alt="John" style="width: 87%;padding-top: 19px;">
       <h2>Surya Prakash</h2>
       <p class="title">St. ID: 19BPS1052</p>
       <p>Institution: VITCC</p>

      </div>
     </div>
     <div class="w3-col s4 w3-dark-grey w3-center">
      <div class="card">
       <img src="images/surya.jpg" alt="John" style="width: 87%;padding-top: 19px;">
       <h2>ANIL</h2>
       <p class="title">St. ID: 19BPS1047</p>
       <p>Institution: VITCC</p>

      </div>
     </div>
     <div class="w3-col s4 w3-green w3-center">
```

```html
        <div class="card">
          <img src="images/forhad.jpg" alt="John" style="width: 87%;padding-top: 19px;">
          <h2>Hanuman</h2>
          <p class="title">St. ID: 19BPS1066</p>
          <p>Institution: VITCC</p>


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


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


<!--  Online Bus Ticket Reservation System
OBRS is a system that helps people to buy their ticket at home thought the help of any device capable of
browsing.
terms & condition
1.You can capable of booking ticket when you are become a user of our system(first sign in and then logged in).
2.Yu can contact with us through contact button displayed at homepage.
3.Yu can not bus more than four ticket in a day.
```

CONTACT PHP:

```php
<?php include_once'header2.php';


if(isset($_POST['button'])){
 $name = $_POST['name'];
 $email = $_POST['email'];
 $phone = $_POST['phone'];
 $message = $_POST['message'];

 $query = mysqli_query($db, "INSERT INTO contact VALUES (", '$name', '$email', '$phone', '$message')");
 echo "Contact information successfull";


}
?>
```

```html
<section id="contact">
  <div class="container">
    <div class="well well-sm">
      <h3><strong>Contact Us</strong></h3>
    </div>

  <div class="row">
    <div class="col-md-7">
       <iframe
src="https://www.google.com/maps/embed?pb=!1m10!1m8!1m3!1d3736489.7218514383!2d90.2158979229274
1!3d23.857125486636733!3m2!1i1024!2i768!4f13.1!5e0!3m2!1sen!2sbd!4v1506502314230" width="100%"
height="315" frameborder="0" style="border:0" allowfullscreen></iframe>
    </div>


    <div class="col-md-5">
       <h4><strong>Get in Touch</strong></h4>
      <form action="contact.php" method="POST">
       <div class="form-group">
        <input type="text" class="form-control" name="name" value="" placeholder="Name" required>
       </div>
       <div class="form-group">
        <input type="email" class="form-control" name="email" value="" placeholder="E-mail" required>
       </div>
       <div class="form-group">
        <input type="tel" class="form-control" name="phone" value="" placeholder="Phone" required>
       </div>
       <div class="form-group">
        <textarea class="form-control" name="message" rows="3" placeholder="Message" required></textarea>
       </div>
       <button class="btn btn-default" type="submit" name="button">
         <i class="fa fa-paper-plane-o" aria-hidden="true"></i> Submit
       </button>
      </form>
    </div>
   </div>
 </div>
</section>
<?php
include'footer.php';
?>
```
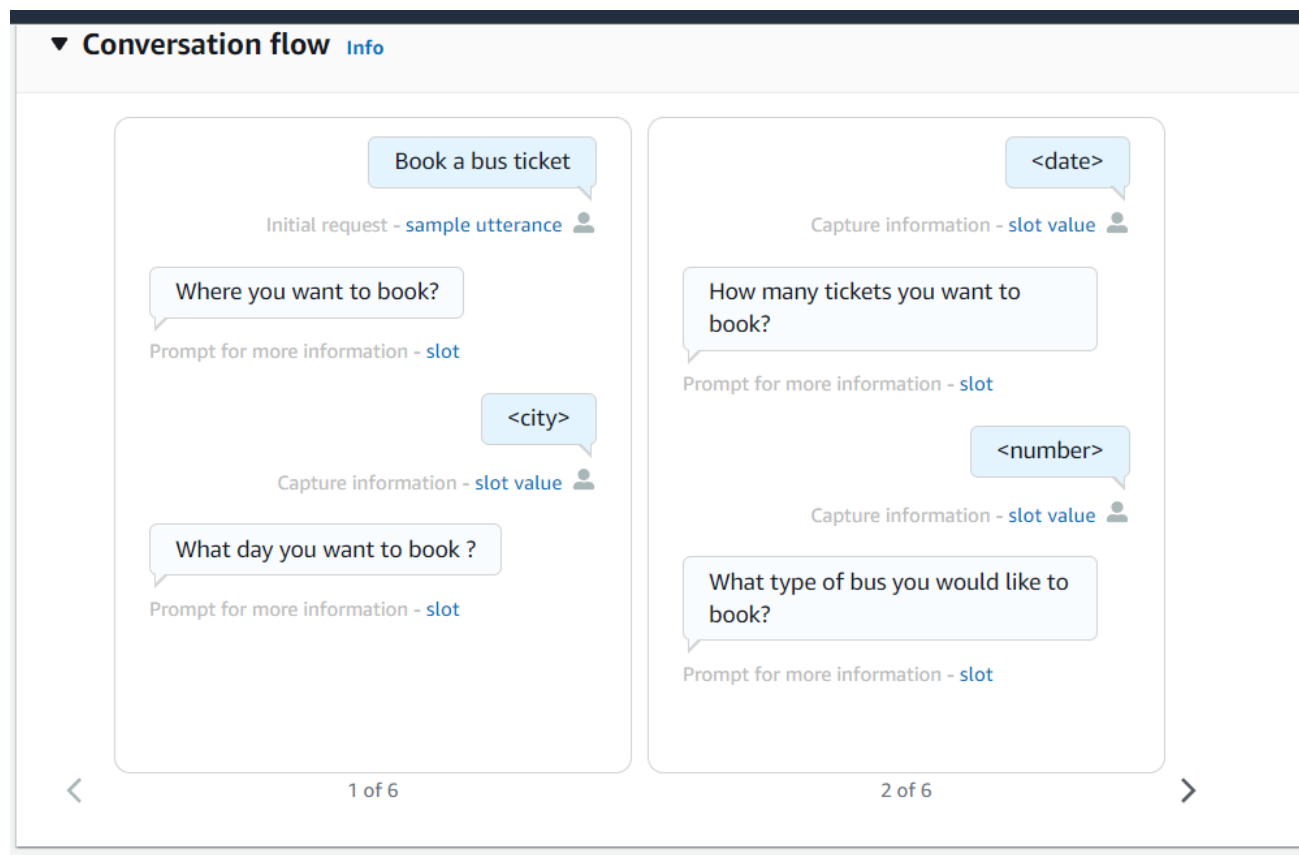
INDEX PHP:

```php
<?php
include_once'header2.php';


if(isset($_POST['customerLogin'])){
   $email = $_POST["email"];

   $password = md5($_POST["password"]);

   $check_database_query = mysqli_query($db, "SELECT * FROM bus_booking WHERE email='$email' AND
password='$password'");
   $check_login_query = mysqli_num_rows($check_database_query);

   if($check_login_query == 1) {
      $row = mysqli_fetch_array($check_database_query);
      $verify_code = $row['verify_code'];


      $user_closed_query = mysqli_query($db, "SELECT * FROM bus_booking WHERE email='$email'");

      $_SESSION['verify_code'] = $verify_code;
      header("Location: user.php");
      exit();
   }
   else {
      echo "Email or password was incorrect<br>";
   }
}


if(isset($_POST['register_button'])){
   $name = $_POST['name'];
   $phone = $_POST['phone'];
   $email = $_POST['email'];
   $password = md5($_POST['password']);
   $time = time();



      //Check if email is in valid format
      if(filter_var($email, FILTER_VALIDATE_EMAIL)) {
```

```php
        $email = filter_var($email, FILTER_VALIDATE_EMAIL);


        //Check if email already exists
        $e_check = mysqli_query($db, "SELECT email FROM bus_booking WHERE email='$email'");


        //Count the number of rows returned
        $num_rows = mysqli_num_rows($e_check);


        if($num_rows > 0) {
            echo "Email already in use<br>";
        }
        else{
            ?> <h4 style="text-align: center;color: #5cb85c;font-weight: bold;"><?php echo "Sign up
successfull";?></h4><?php
            $query = mysqli_query($db, "INSERT INTO bus_booking VALUES ('', '', '', '$name', '$phone',
'$email', '$password', '', '', '', '', '$time', '', '', '', '')");
            $_SESSION['verify_code'] = $time;
            $email = $_POST["email"];
            $password = $_POST["password"];


            $check_database_query = mysqli_query($db, "SELECT * FROM bus_booking WHERE
email='$email' AND password='$password'");
            $check_login_query = mysqli_num_rows($check_database_query);


            if($check_login_query == 1) {
                $row = mysqli_fetch_array($check_database_query);
                $verify_code = $row['verify_code'];


                $user_closed_query = mysqli_query($db, "SELECT * FROM bus_booking WHERE
email='$email'");


                $_SESSION['verify_code'] = $verify_code;
                header("Location: user.php");
                exit();
            }
        }
    }
}
?>
  <div class="benner_section"><!-- start benner section -->
```

```html
    <div class=" container" >
     <div class="row">
      <div class="benner_bg col-md-6">
        <div class="form_inner_section"><!-- left site form inner section -->


          <div class="widget-main" style="background: rgba(255, 255, 255, 0.75); padding:25px;">
            <h4 class="header blue lighter bigger">
            <i class="ace-icon fa fa-coffee green"></i>
             Please Sign in First
            </h4>
            <div class="space-6"></div>
              <form action="index.php" method="POST">
                <fieldset>
                  <label class="block clearfix">
                    <span class="block input-icon input-icon-right">
                    <input type="text" class="form-control" placeholder="Name" required="" name="name"
/>
                    <i class="ace-icon fa fa-user"></i>
                    </span>
                  </label><br>
                  <label class="block clearfix input-box">
                    <input type="tel" class="form-control" placeholder="Contact no" required=""
name="phone" minlength="11" maxlength="11" style="padding-left: 42px; width: 209px;"/>
                    <span class="unit block input-icon input-icon-right">+91</span>
                    <i class="ace-icon fa fa-user"></i>
                    </span>
                  </label><br>
                  <label class="block clearfix">
                    <span class="block input-icon input-icon-right">
                    <input type="text" class="form-control" placeholder="Email" required="" name="email"
/>
                    <i class="ace-icon fa fa-user"></i>
                    </span>
                  </label><br>
                  <label class="block clearfix">
                    <span class="block input-icon input-icon-right">
                      <input type="password" class="form-control" placeholder="Password" required=""
name="password" />
                      <i class="ace-icon fa fa-lock"></i>
                    </span>
                  </label>
                  <div class="space"></div>
                  <div class="clearfix">

                  <button type="submit" class="btn btn-sm btn-success" name="register_button" value="">
```

```html
                    <i class="ace-icon fa fa-key"></i>
                    <span class="bigger-110">Sign in</span>
                </button>
                </div>
                <div class="space-4"></div>
            </fieldset>
        </form>
        <div class="space-6"></div>
    </div>
  </div><!-- end form inner section -->
</div>
<div class="col-md-6"><!-- rhgt site benner section -->
 <div class="right_site_benner">
    <div class="widget-main" style="background: rgba(255, 255, 255, 0.75); padding:25px;">
                    <h4 class="header blue lighter bigger">
                        <i class="ace-icon fa fa-coffee green"></i>
                         User Login Panel
                    </h4>


                    <div class="space-6"></div>


                    <form action="index.php" method="POST">
                        <fieldset>
                            <label class="block clearfix">
                                <span class="block input-icon input-icon-right">
                                    <input type="text" class="form-control" placeholder="User Email"
required="" name="email" />

                                    <i class="ace-icon fa fa-user"></i>
                                </span>
                            </label><br>


                            <label class="block clearfix">
                                <span class="block input-icon input-icon-right">
                                    <input type="password" class="form-control" placeholder="User
Password" required="" name="password" />
                                    <i class="ace-icon fa fa-lock"></i>
                                </span>
                            </label>


                            <div class="space"></div>
```

```
                              <div class="clearfix">


                                  <button type="submit" class="btn btn-sm btn-success"
name="customerLogin" value="Login">
                                      <i class="ace-icon fa fa-key"></i>
                                      <span class="bigger-110">Login</span>
                                  </button>
                              </div>


                          <div class="space-4"></div>
                      </fieldset>
                  </form>


                  <div class="space-6"></div>



              </div>
          </div>

      </div><!-- end right site benner section -->
    </div>
  </div>
</div><!-- end benner section -->
<?php
include'footer.php';
?>
```

LOGOUT PHP:

```php
<?php
session_start();
session_destroy();
header("Location: index.php")
?>
```

SERVIVCE PHP:

```php
<?php
```

```php
include_once'header2.php';
include'./model/controller2.php';
$Pmethod = new myController2();




/*
   $service_data = mysqli_query($db, "SELECT * FROM company_name");
   $data = mysqli_fetch_array($service_data);

   $size = sizeof($data);
  echo $data;
  $value = 1;
  echo $data[1];
  echo $data[2];
  echo $data[3];
  echo $data[4];
   for($value; $value <=$size; $value++) {

    echo $data[$value];


  }
*/



?>

<section id="contact">
 <div class="container">
  <div class="well well-sm">
   <h3><strong>Service Information</strong></h3>
  </div>

  <div>
                        <table class="table table-striped table-bordered table-responsive">
                          <thead>
                            <tr>

                               <th>Sl</th>
                               <th>From</th>
                               <th>To</th>
                               <th>Company name </th>
```

```php
                                    <th>Price</th>
                                    <th>Time</th>

                                </tr>
                            </thead>
                            <tbody>
                                <?php
                                $i=1;
                                $selectbusLocation = $Pmethod->busWithLocation($db);
                                while($fetch_bus = mysqli_fetch_array($selectbusLocation)){


                                $locatonfrom = $Pmethod->singlelocation_View($db,$fetch_bus['from_id']);
                                $fetch_locatonfrom = mysqli_fetch_array($locatonfrom);


                                $locatonTo = $Pmethod->singlelocation_View($db,$fetch_bus['to_id']);
                                $fetch_locatonto = mysqli_fetch_array($locatonTo);
                                // bus company name show
                                $busCompany = $Pmethod-
>singlecompany_View($db,$fetch_bus['company_id']);
                                $fetch_busCompany = mysqli_fetch_array($busCompany);


                $busTime = $Pmethod->time_View($db,$fetch_bus['bus_location_id']);
                                $fetch_busTime = mysqli_fetch_array($busTime);

                $busCompany_time = mysqli_query($db,"SELECT * FROM bus_location");

                                $fetch_time = mysqli_fetch_array($busCompany_time);


                                ?>
                                <tr>
                                    <td><?php echo $i++; ?></td>
                                    <td><?php echo $fetch_locatonfrom['dis_name']; ?></td>
                                    <td><?php echo $fetch_locatonto['dis_name']; ?></td>
                                    <td><?php echo $fetch_busCompany['company_name']; ?></td>
                                    <td><?php echo $fetch_bus['price']; ?></td>
                                    <td><?php echo $fetch_busTime['time']; ?></td>

                                </tr>
                                <?php } ?>
                            </tbody>
                        </table>
                    </div>
```

```php
  <?php


  ?>

</section>
<?php
include'footer.php';
 ?>



USER PHP:

<?php session_start();
ob_start();
 // error_reporting(0);
 include'./model/db_config.php';
 include'./model/controller.php';
 $Pmethod = new myController();

if (isset($_SESSION['verify_code'])) {
 $code = $_SESSION['verify_code'];
 $user_details_query = mysqli_query($db, "SELECT * FROM bus_booking WHERE verify_code='$code'");
 $user = mysqli_fetch_array($user_details_query);

 $locatonfrom = $Pmethod->singlelocation_View($db,$user['form_place']);
 $fetch_locatonfrom = mysqli_fetch_array($locatonfrom);


  $locatonTo = $Pmethod->singlelocation_View($db,$user['to_place']);
  $fetch_locatonto = mysqli_fetch_array($locatonTo);

 $locatonTime = $Pmethod->time_View1($db,$user['form_place'], $user['to_place']);
  $fetch_time = mysqli_fetch_array($locatonTime);
}
else {
 header("Location: index.php");
}


?>
<!DOCTYPE html>
<html lang="en">
 <head>
   <meta charset="utf-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
```

```html
<meta name="viewport" content="width=device-width, initial-scale=1">
<!-- The above 3 meta tags *must* come first in the head; any other head content must come *after* these tags
-->
<title>User Account</title>


<!-- Bootstrap -->
<link href="css/bootstrap.min.css" rel="stylesheet">


<style>
.padding{padding:0px;}
.addtowishlist_block{background: red;color: white;}
ul{margin:0; padding:0; list-style: none;}
ul:after{content:""; display: block; clear: both;}
/*start header section */
.container{max-width:960px;}
.logo_section img{height: 99px;}
.navbar-default{margin:0; padding:0; border:none; border:none; background: none;}
.logo_section{float: left;}
.right_site{float: right; padding-top:25px;}
/*end header section */




* {
 box-sizing: border-box;
}


/* Create two equal columns that floats next to each other */
.column {
 float: left;
 width: 50%;
 padding: 10px;
 height: 90%; /* Should be removed. Only for demonstration */
}

.row {
 margin-right: 20px;
  margin-left: 20px;
}


/* Clear floats after the columns */
.row:after {
```

```css
    content: "";
    display: table;
    clear: both;
    height: 90%;

   }
  .card {
   box-shadow: 0 4px 8px 0 rgba(0,0,0,0.2);
   transition: 0.3s;
   width: 260px;
  }


  .card:hover {
   box-shadow: 0 8px 16px 0 rgba(0,0,0,0.2);
  }


  .containerr {
   padding: 2px 16px;
   margin-left: 10%;
  }

  .imgcontainer {
   text-align: center;
   margin: 24px 0 12px 0;
  }
 </style>

</head>
<body>
  <header class="header_section" id="header_section">
   <div class="container">
     <div class="logo_section">
      <img src="images/logo.png" alt="travling logo">
     </div>
     <div class="right_site"><!-- rigth site nav bar section -->
       <nav class="navbar navbar-default">
         <div class="container-fluid">
          <!-- Brand and toggle get grouped for better mobile display -->
          <div class="navbar-header">
           <button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-
example-navbar-collapse-1" aria-expanded="false">
             <span class="sr-only">Toggle navigation</span>
             <span class="icon-bar"></span>
             <span class="icon-bar"></span>
```

```html
                    <span class="icon-bar"></span>
                  </button>
                </div>


                <!-- Collect the nav links, forms, and other content for toggling -->
                <div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">
                  <ul class="nav navbar-nav">

                    <li><a href="logout.php">Logout</a></li>

                  </ul>
                </div><!-- /.navbar-collapse -->
              </div><!-- /.container-fluid -->
            </nav>
          </div><!-- end right site bar nav section -->
      </div>
    </header>

<div class="row">
  <div class="column" style="background-color:#aaa;">
    <div class="containerr">
    <div class="card">
      <img src="img_avatar.png" alt="Avatar" style="width: 65%; text-align: center; margin: 24px 0 12px 44px;">
      <div class="container">
      <h4><b><?php echo "Name: ".$user['name'];?></b></h4>
      <p><?php echo "Destination: ".$fetch_locatonfrom['dis_name']." - ".$fetch_locatonto['dis_name']?></p>
      <p><?php echo "Start time: ".$fetch_time['time']?></p>
      <p><?php echo "Bus seat number: ".$user['busy_setnumber']?></p>
      <p><?php echo "Booking date: ".$user['booking_date']?></p>
      <p><?php echo "Booking time: ".$user['time']?></p>
      <p><?php echo "Price: ".$user['price']?></p>
      <p><?php echo "Payment by: ".$user['payment']?></p>
      <p><?php echo "Bus type: ".$user['buy_type']?></p>

      </div>
    </div>
   </div>
  </div>
  </div>
  <div class="column" style="background-color:#bbb;">
    <form method="post" action="verifiy-code.php">
          <div class="form-row" style="width: 84%; padding: 149px 30px 5px 137px;">
        <h2 style="text-align:center;">Booking Your Ticket</h2>
              <div class="padding_left form-group">
                <label for="date">Date</label>
                <input type="date" class="form-control" id="date" name="jonin_date" placeholder="Email">
```

```php
          </div>
          <div class="padding_left form-group">
           <label for="email">From</label>
           <select name="from_location" class="form-control" required="">
             <option value="">--Select location--</option>
           <?php
             $select = $Pmethod->districtLocationView($db);
             while($fetch = mysqli_fetch_array($select)){
           ?>
             <option value="<?php echo $fetch['dis_id'];?>"><?php echo $fetch['dis_name'];?></option>
           <?php } ?>
           </select>
          </div>
          <div class="padding_right form-group">
           <label for="inputPassword4">To</label>
           <select name="to_location" class="form-control" required="">
             <option value="">--Select location--</option>
           <?php
           $select = $Pmethod->districtLocationView($db);
           while($fetch = mysqli_fetch_array($select)){
            ?>
             <option value="<?php echo $fetch['dis_id'];?>"><?php echo $fetch['dis_name'];?></option>
           <?php } ?>


           </select>
          </div>
         </div>

         <button type="submit" class="btn btn-primary" name="userApplyNow" style="margin-left:
409px;margin-bottom: 15px;"> Apply Now </button>
         </form>
  </div>
</div>



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



TICKET PHP:
```

```php
<?php session_start();
ob_start();
 // error_reporting(0);
 include'./model/db_config.php';
 include'./model/controller.php';
 $Pmethod = new myController();

if (isset($_SESSION['verify_code'])) {
 $code = $_SESSION['verify_code'];
 $user_details_query = mysqli_query($db, "SELECT * FROM bus_booking WHERE verify_code='$code'");
 $user = mysqli_fetch_array($user_details_query);

 $locatonfrom = $Pmethod->singlelocation_View($db,$user['form_place']);
 $fetch_locatonfrom = mysqli_fetch_array($locatonfrom);


  $locatonTo = $Pmethod->singlelocation_View($db,$user['to_place']);
  $fetch_locatonto = mysqli_fetch_array($locatonTo);

 $locatonTime = $Pmethod->time_View1($db,$user['form_place'], $user['to_place']);
  $fetch_time = mysqli_fetch_array($locatonTime);
}
else {
 header("Location: index.php");
}


?>
<!DOCTYPE html>
<html lang="en">
 <head>
  <meta charset="utf-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <!-- The above 3 meta tags *must* come first in the head; any other head content must come *after* these tags
-->
  <title>User Account</title>


  <!-- Bootstrap -->
  <link href="css/bootstrap.min.css" rel="stylesheet">


 <style>
  .padding{padding:0px;}
  .addtowishlist_block{background: red;color: white;}
```

```css
ul{margin:0; padding:0; list-style: none;}
ul:after{content:""; display: block; clear: both;}
/*start header section */
.container{max-width:960px;}
.logo_section img{height: 99px;}
.navbar-default{margin:0; padding:0; border:none; border:none; background: none;}
.logo_section{float: left;}
.right_site{float: right; padding-top:25px;}
/*end header section */




* {
 box-sizing: border-box;
}




/* Create two equal columns that floats next to each other */
.column {
 float: left;
 width: 50%;
 padding: 10px;
 height: 90%; /* Should be removed. Only for demonstration */
}

.row {
 margin-right: 20px;
  margin-left: 20px;
}




/* Clear floats after the columns */
.row:after {
 content: "";
 display: table;
 clear: both;
 height: 90%;

}
.card {
 box-shadow: 0 4px 8px 0 rgba(0,0,0,0.2);
 transition: 0.3s;
 width: 260px;
}
```

```
    .card:hover {
     box-shadow: 0 8px 16px 0 rgba(0,0,0,0.2);
    }


    .containerr {
     padding: 2px 16px;
     margin-left: 10%;
    }

    .imgcontainer {
     text-align: center;
     margin: 24px 0 12px 0;
    }
   </style>

  </head>
  <body>
   <header class="header_section" id="header_section">
    <div class="container">
       <div class="logo_section">
        <img src="images/logo.png" alt="travling logo">
       </div>
       <div class="right_site"><!-- rigth site nav bar section -->
        <nav class="navbar navbar-default">
           <div class="container-fluid">
            <!-- Brand and toggle get grouped for better mobile display -->
            <div class="navbar-header">
             <button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-
example-navbar-collapse-1" aria-expanded="false">
               <span class="sr-only">Toggle navigation</span>
               <span class="icon-bar"></span>
               <span class="icon-bar"></span>
               <span class="icon-bar"></span>
             </button>
            </div>


            <!-- Collect the nav links, forms, and other content for toggling -->
            <div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">
             <ul class="nav navbar-nav">

               <li><a href="logout.php">Logout</a></li>

             </ul>
            </div><!-- /.navbar-collapse -->
```

```html
          </div><!-- /.container-fluid -->
        </nav>
      </div><!-- end right site bar nav section -->
    </div>
  </header>

<div class="row">
  <div class="column" style="background-color:#aaa;">
    <div class="containerr">
    <div class="card">
      <img src="img_avatar.png" alt="Avatar" style="width: 65%; text-align: center; margin: 24px 0 12px 44px;">
      <div class="container">
      <h4><b><?php echo "Name: ".$user['name'];?></b></h4>
      <p><?php echo "Destination: ".$fetch_locatonfrom['dis_name']." - ".$fetch_locatonto['dis_name']?></p>
      <p><?php echo "Start time: ".$fetch_time['time']?></p>
      <p><?php echo "Bus seat number: ".$user['busy_setnumber']?></p>
      <p><?php echo "Booking date: ".$user['booking_date']?></p>
      <p><?php echo "Booking time: ".$user['time']?></p>
      <p><?php echo "Price: ".$user['price']?></p>
      <p><?php echo "Payment by: ".$user['payment']?></p>
      <p><?php echo "Bus type: ".$user['buy_type']?></p>

      </div>
    </div>
  </div>
  </div>
  <div class="column" style="background-color:#bbb;">
    <form method="post" action="verifiy-code.php">
          <div class="form-row" style="width: 84%; padding: 149px 30px 5px 137px;">
        <h2 style="text-align:center;">Booking Your Ticket</h2>
            <div class="padding_left form-group">
              <label for="date">Date</label>
              <input type="date" class="form-control" id="date" name="jonin_date" placeholder="Email">
            </div>
            <div class="padding_left form-group">
              <label for="email">From</label>
              <select name="from_location" class="form-control" required="">
                <option value="">--Select location--</option>
              <?php
                $select = $Pmethod->districtLocationView($db);
                while($fetch = mysqli_fetch_array($select)){
              ?>
                <option value="<?php echo $fetch['dis_id'];?>"><?php echo $fetch['dis_name'];?></option>
              <?php } ?>
              </select>
            </div>
```

```php
            <div class="padding_right form-group">
             <label for="inputPassword4">To</label>
             <select name="to_location" class="form-control" required="">
                <option value="">--Select location--</option>
             <?php
             $select = $Pmethod->districtLocationView($db);
             while($fetch = mysqli_fetch_array($select)){
              ?>
                <option value="<?php echo $fetch['dis_id'];?>"><?php echo $fetch['dis_name'];?></option>
             <?php } ?>


             </select>
            </div>
          </div>

          <button type="submit" class="btn btn-primary" name="userApplyNow" style="margin-left:
409px;margin-bottom: 15px;"> Apply Now </button>
          </form>
  </div>
</div>



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