# PROJECT ONLINE TOUR MANAGEMENT SYSTEM COMPUTER SCIENCE & TECHNOLOGY 3<sup>rd</sup> YEAR, 2019-2022



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#### BUDGE BUDGE INSTITUTE OF TECHNOLOGY,

Nischintapur, Budge Budge,

(Approved by AICTE and Affilliated to MAKAUT and WBSCTVESD)

# CERTIFICATE OF APPROVAL

This is to certify that the Project entitled "ONLINE TOUR MANAGEMENT SYSTEM" submitted by MONALI MUKHERJEE (Roll No:- DBBTCSTS6-10002302, D192002010), MOULI DAS (Roll No:- DBBTCSTS6-10002303, D192002011), NAHID AFREEN (Roll No:- DBBTCSTS6-10002304, D192002012), NAHID NASIM (Roll No:- DBBTCSTS6-10002305, D192002013), PIYALI KAYAL (Roll No:- DBBTCSTS6-10002306, D192002014) under the guidance of Mrs. RITUPARNA DEY Faculty, Department of Diploma in Computer Science, is approved in partial fulfillment of the requirements for the award of DIPLOMA in computer science & Technology during session 2021-2022 at Budge Budge Institute of Technology, Nischintapur, Budge Budge, Kolkata-700137 under the West Bengal StateCouncil of Technical and Vocational Education and Skill Department.

The candidate has satisfied all the prescribed requirements. The Project, which is based on candidate's self-work, have not been submitted elsewhere for a degree/diploma.

Signature of TIC	Signature of Project Supervisor	Signature of External Examine
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Mr. Indrajit Chakraborty	Mrs. Rituparna Dey	
(TIC)	(FACULTY)	
Computer Science & technology	Computer Science & technology	
Budge Budge Institute Of Technology	Budge Budge Institute Of Technology	
Date:-	Date:-	Date:-
Seal:-		

# **ACKNOWLEDGEMENT**

This Project, being a maiden experience for all of us, has been a big confidence booster. Contributions of the following individuals / persons are noteworthy. In this endeavour I acknowledge the valuable contribution and expert guidance of our internal project supervisor Mrs. Rituparna Dey mam. Her frank suggestions for improvements & innovative ideas have inspired us. I am greatly thankful to our Head of Computer Science & Technology Department Mr. Indrajit Chakraborty sir for granting me permission to work on this project.

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#### INTRODUCTION

Tour Management System is an integrated software developed for tourism business. It is a dynamic and responsive system and it addresses the challenges of managing the records, missing records due to human errors, etc. The purpose is to build a system that performs all operations related to traveling, booking, sightseeing, etc.

This system connects customers and agents directly, provides a feedback mechanism for tourists, maintains and controls the database of tourists' information, and gives a variety of travel services.

We have used Amazon Relational Database Service (Amazon RDS) provided by Amazon Web Services. Using Cloud computing services allows us to store important data to be stored on the cloud without any fear of our data getting stolen. Thus, it simplifies the process, thereby saving our time and effort. Moreover, it also facilitates easy updating and handling of records. If a user wants to change any of his personal information, they can easily do it and the action gets reflected on the cloud.

# **ABSTRACT**

Most of the people in this world like to travel from one place to another no matter whether it is a small or large distance. The need for a tourism management system that can manage tourism information with ease is sought after by every four management company Tour Management system is a dynamic website for tourism business.

This travel and tourism application is designed for travel agencies by which they can manage different tour packages based on the destinations. By using this, the tour company can tailor tour packages spanning various destinations at almost every price point. The also implemented search module allows the administrator to find and update or upgrade the tour packages with ease. This module can also even be extended to a customer application page by which customers can find the right tour package for them at every budget, depending on the tour locations.

The main purpose is to help tourism companies to manage tour packages The system can also be used for both professional and business trips The proposed system maintains a centralized repository to make necessary travel arrangements and to retrieve information easily.

# **OBJECT**

The Tourism Management System is a web based application and maintains a centralized repository of all related information. The Objective of this project is to develop a system that automates the process and activities a travel agency and customer details. The purpose is to design a system using which one can perform all operations related to travelling and sight seeing.

- 1. Privacy and Confidentiality
- 2. Effective during emergency conditions.
- 3. It saves time and effort.
- 4. Easy updation of records

# **SCOPE & PURPOSED**

Tour Management System is an integrated software developed for tour operating companies. The main aim of this project is to help the tourism companies to manage their customers, vehicles, and agent. It makes all operation of the tour company easy and accurate. The standalone platform makes tourism management easy by handing agencies requests and providing servers for the customers located at different parts of the various cities. Different modules have been incorporated in this project to handle different parts and sector of the tour management field

# PROPOSED SYSTEM

The proposed system is a web based application and maintains a centralized repository of all related information. The proposed system maintains centralized repository to make necessary travel arrangements and to retrieve information easily. The system allows one to easily access the relevant information and make necessary travel arrangements. Users can decide about places they want to visit and make bookings online for travel and accommodation. The tourism management system allows the user of the system access all the details such as weather, location, events, etc. The main purpose is to help tourism companies to manage customer and hotels etc. The system can also be used for both professional and business trips. This particular project deals with the problems on managing a tour and avoids the problems which occur when carried manually

# REQUIREMENT SPECIFICATION

A major element in building a system is the section of compatible software since the software in the market is experiencing in geometric progression. Selected software should be acceptable by the firm and one user as well as it should be feasible for the system.

#### > Tchnology used:

- Visual Studio
- **Hardware Requirement:**
- Hard Disk 1 TB.
- RAM 4 GB.
- Processor Intel core i5 8<sup>th</sup> gen.
- Mouse.
- Keyboard.
- Monitor.
- Printer.

#### > Software Requirement:

Operating System
 Microsoft Windows 10 64 bits

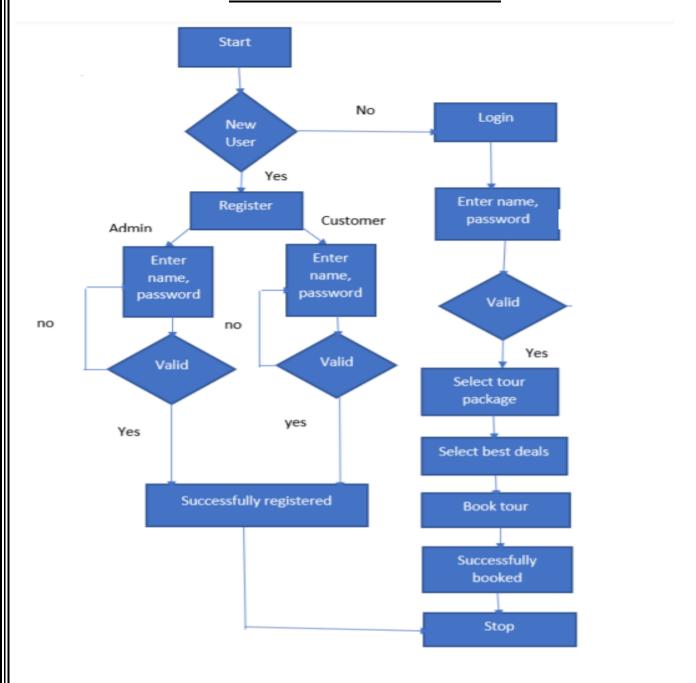
#### **Development Tools:**

- HTML
- CSS
- PHP
- XAMPP

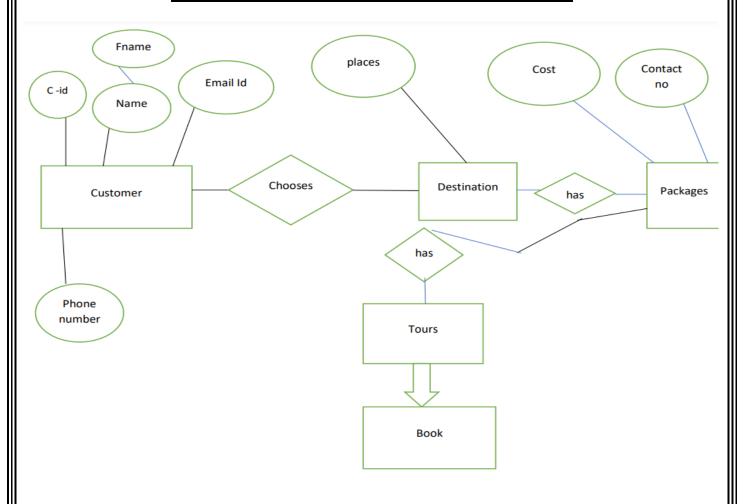
#### **Documentation:**

- Microsoft word 2016
- Microsoft paint

# DIAGRAM DATA FLOW DIAGRAM

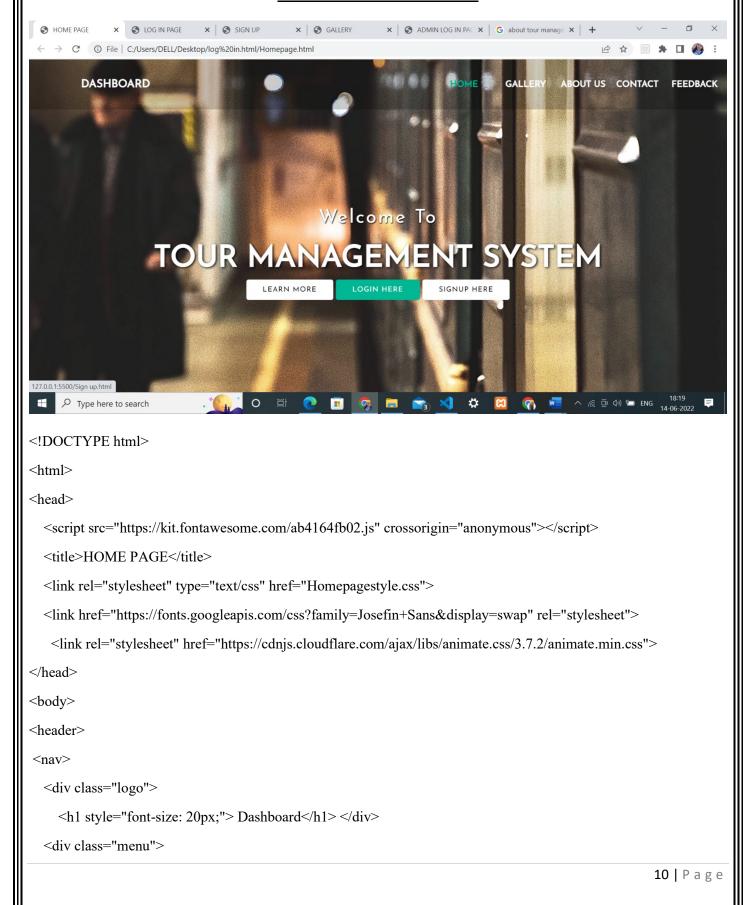


# ENTITY RELATIONSHIP DIAGRAM



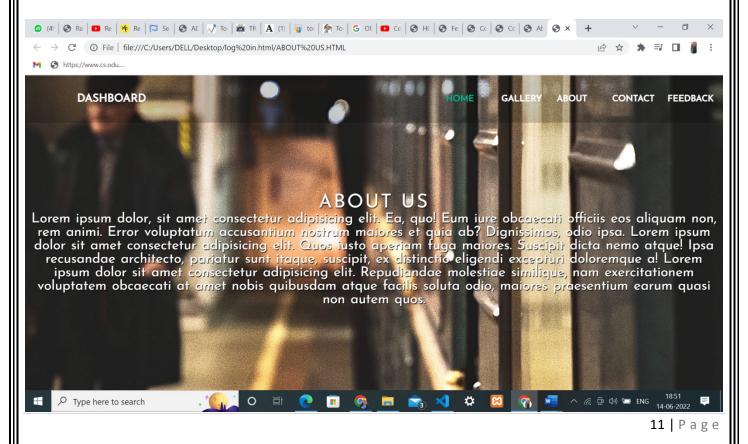
# SCREEN SHOT AND SOURCE CODE

#### HOME PAGE WITH CODE



```
<a href="#" style="font-size: ">Home</a>
    <a href="http://127.0.0.1:5500/Gallery.html">Gallery</a>
    <a href="http://127.0.0.1:5500/ABOUT%20US.HTML#" target=" blank">About Us</a>
    <a href="http://127.0.0.1:5500/contact%20us.html">Contact </a>
    <a href="http://127.0.0.1:5500/Feedback.html">Feedback</a>
  </div>
</nav>
  <main>
    <section>
      <h3>Welcome To </h3>
      <h1>TOUR MANAGEMENT SYSTEM </h1>
      <a href="#" class="btnone">Learn More</a>
      <a href="http://127.0.0.1:5500/login.html" class="btntwo">Login Here</a>
      <a href="http://127.0.0.1:5500/Sign%20up.html" class="btntwo">Signup Here</a>
    </section>
  </main>
</header>
</body>
</html>
```

#### **ABOUT US WITH CODE**



```
<!DOCTYPE html>
<html>
<head>
  <script src="https://kit.fontawesome.com/ab4164fb02.js" crossorigin="anonymous"></script>
  <title>About us</title>
  <link rel="stylesheet" type="text/css" href="Homepagestyle.css">
  <link href="https://fonts.googleapis.com/css?family=Josefin+Sans&display=swap" rel="stylesheet">
</head>
<body>
<header>
<nav>
  <div class="logo">
    <h1 style="font-size: 20px;"> Dashboard</h1> </div>
  <div class="menu">
    <a href="#" style="font-size: ">Home</a>
    <a href="http://127.0.0.1:5500/Gallery.html">Gallery</a>
    <a href="#" target=" blank">About</a>
    <a href="#">Contact</a>
    <a href="http://127.0.0.1:5500/Feedback.html">Feedback</a>
  </div>
</nav>
  <main>
    <section>
      <h3>ABOUT US</h3>
    <P>
```

Lorem ipsum dolor, sit amet consectetur adipisicing elit. Ea, quo! Eum iure obcaecati officiis eos aliquam non, rem animi. Error voluptatum accusantium nostrum maiores et quia ab? Dignissimos, odio ipsa.

Lorem ipsum dolor sit amet consectetur adipisicing elit. Quos iusto aperiam fuga maiores. Suscipit dicta nemo atque! Ipsa recusandae architecto, pariatur sunt itaque, suscipit, ex distinctio eligendi excepturi doloremque a!

Lorem ipsum dolor sit amet consectetur adipisicing elit. Repudiandae molestiae similique, nam exercitationem voluptatem obcaecati at amet nobis quibusdam atque facilis soluta odio, maiores praesentium earum quasi non autem quos.

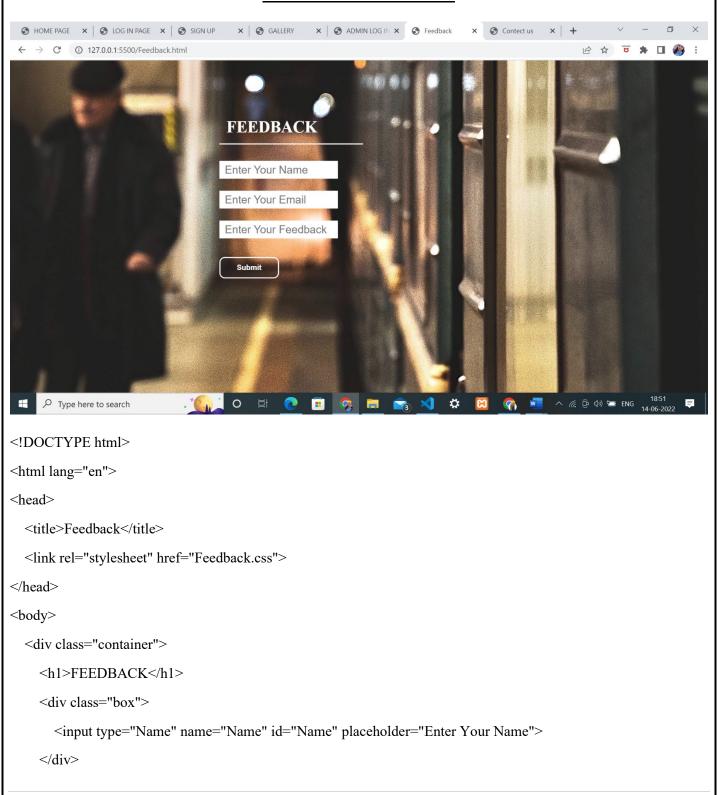
```
</P>
</section>
</main>
</header>
```

</body> </html> **CONTACT US WITH CODE** ♦ HOME PAGE × | ♦ LOG IN PAGE × | ♦ SIGN UP X | S GALLERY X | S ADMIN LOG IN X | S Feedback ← → C ① 127.0.0.1:5500/contact%20us.html e ☆ ♥ # □ 🦓 : **CONTACT US** Enter Your Name Enter Your Email Chats with us Type here to search <!DOCTYPE html> <html lang="en"> <head> <title>Contect us</title> <link rel="stylesheet" href="Feedback.css"> </head> <body> <div class="container"> <h1>CONTACT US</h1> <div class="box"> <input type="Name" name="Name" id="Name" placeholder="Enter Your Name"> </div> <div class="box"> <input type="Email" name="Email" id="Email" placeholder="Enter Your Email">

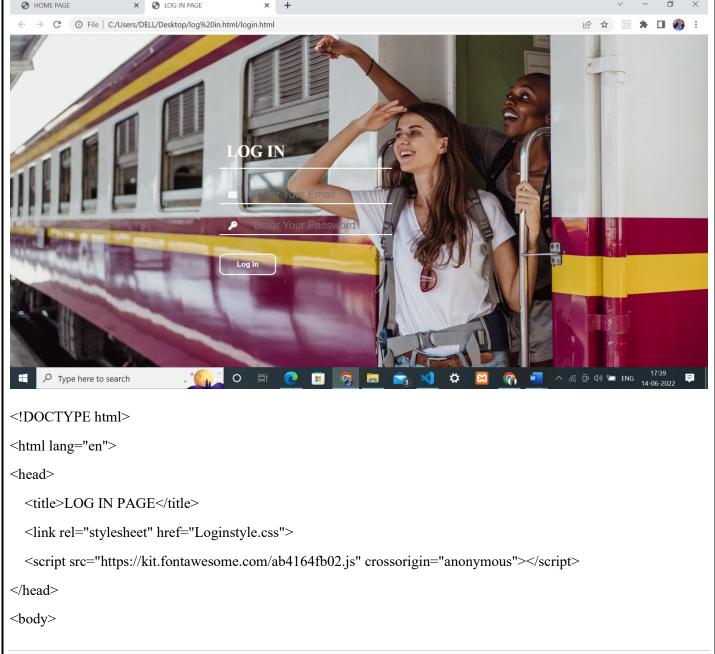
</div>

<div class="box">

#### FEEDBACK WITH CODE



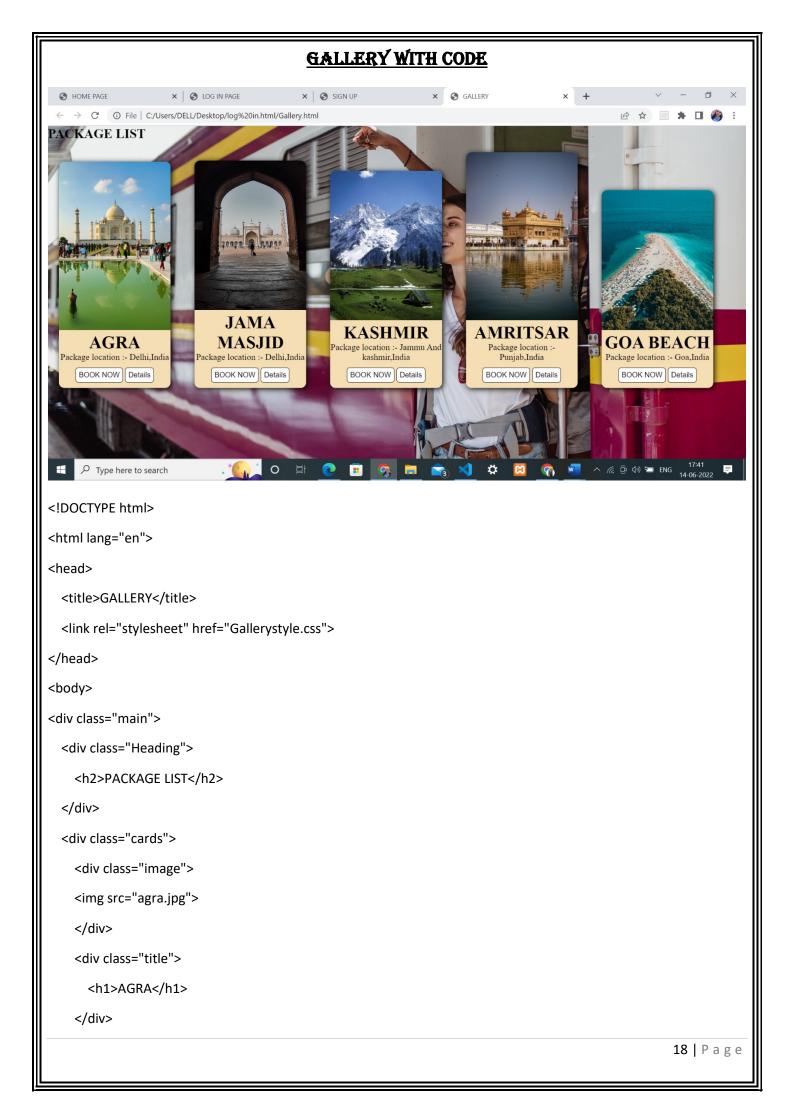
#### **USER LOG IN PAGE WITH CODE**



```
<div class="container">
    <h1>LOG IN</h1>
    <div class="box">
      <i class="fa fa-envelope"></i>
      <input type="Email" name="Email" id="Email" placeholder="Enter Your Email">
    </div>
    <div class="box">
      <i class=" fa fa-key"></i>
      <input type="Password" name="Password" id="Password" placeholder="Enter Your Password">
    </div>
    <button class="btn">Log In</button>
  </div>
</body>
</html>
PHP CODE:-
<?php
 include('connection.php');
 session start();
 if (isset($ SESSION['UNAME']) && isset($ COOKIE['UNAME'])) {
   header('location: ../login.html');
  die();
  $username = $ POST['email'];
  $password = $ POST['password'];
 //to prevent from mysqli injection
 $username = stripcslashes($username);
 $password = stripcslashes($password);
 $username = mysqli real escape string($con, $username);
 $password = mysqli_real_escape_string($con, $password);
 $sql = "select *from login where username = '$username' and password = '$password''';
 $result = mysqli query($con, $sql);
 $row = mysqli fetch array($result, MYSQLI ASSOC);
 $count = mysqli num rows($result);
 if(scount == 1)
```

```
echo "<h1><center> Login successful </center></h1>";
     $_SESSION('UNAME') = $row['name'];
    setcookie('UNAME',$row['name'],time() +60*60*24*15);
    header('location: ../login.html'); }
 else{
    echo "
    <style>
    *{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  body{
  background-color: #000;
  color: #FFF;
div{
  display: flex;
  align-items: center;
  justify-content: center;
  height: 100vh;
h1{
  font-size: 48px;
    </style>
    < div >
    <h1> Login failed. Invalid username or password.</h1>
    </div>";
?>
```

. .



```
<div class="des">
    <P>Package location :- Delhi,India</P>
    <button>BOOK NOW</button>
    <button>Details</button>
 </div>
</div>
<!-- cards -->
<div class="cards">
 <div class="image">
 <img src="jama masjid.jpg">
 </div>
 <div class="title">
    <h1>JAMA MASJID</h1>
 </div>
 <div class="des">
    <P>Package location :- Delhi,India</P>
    <button>BOOK NOW</button>
    <button>Details</button>
 </div>
</div>
<!--cards-->
<div class="cards">
 <div class="image">
 <img src="kashmir.jpg">
 </div>
 <div class="title">
    <h1>KASHMIR</h1>
 </div>
 <div class="des">
    <P>Package location :- Jammu And kashmir,India</P>
    <button>BOOK NOW</button>
    <button>Details</button>
 </div>
```

```
</div>
  <!--cards-->
  <div class="cards">
    <div class="image">
    <img src="punjab.jpg">
    </div>
    <div class="title">
      <h1>AMRITSAR</h1>
    </div>
    <div class="des">
      <P>Package location :- Punjab,India</P>
      <button>BOOK NOW</button>
      <button>Details</button>
    </div>
  </div>
  <!--cards-->
  <div class="cards">
    <div class="image">
    <img src="goa.jpg">
    </div>
    <div class="title">
      <h1>GOA BEACH</h1>
    </div>
    <div class="des">
      <P>Package location :- Goa,India</P>
      <button>BOOK NOW</button>
      <button>Details</button>
    </div>
  </div>
</div>
</body>
</html>
```

# SIGN UP PAGE WITH CODE O HOME PAGE X | S LOG IN PAGE × SIGN UP × + ① File | C:/Users/DELL/Desktop/log%20in.html/Sign%20up.html Type here to search <!DOCTYPE html> <html lang="en"> <head> <title>SIGN UP</title> <link rel="stylesheet" href="Sign up.css"> <script src="https://kit.fontawesome.com/ab4164fb02.js" crossorigin="anonymous"></script> </head> <body> <div class="heading"> <h1>SIGN UP</h1> <div class="box"> <i class="fa-solid fa-user"></i> <input type="Full Name" name="Full Name" id="Full Name" placeholder="Full Name"> </div> <div class="box"> <i class="fa-solid fa-phone"></i> <input type="Mobile Number" name="Mobile Number" id="Mobile Number" placeholder="Mobile Number"> </div> **21** | Page

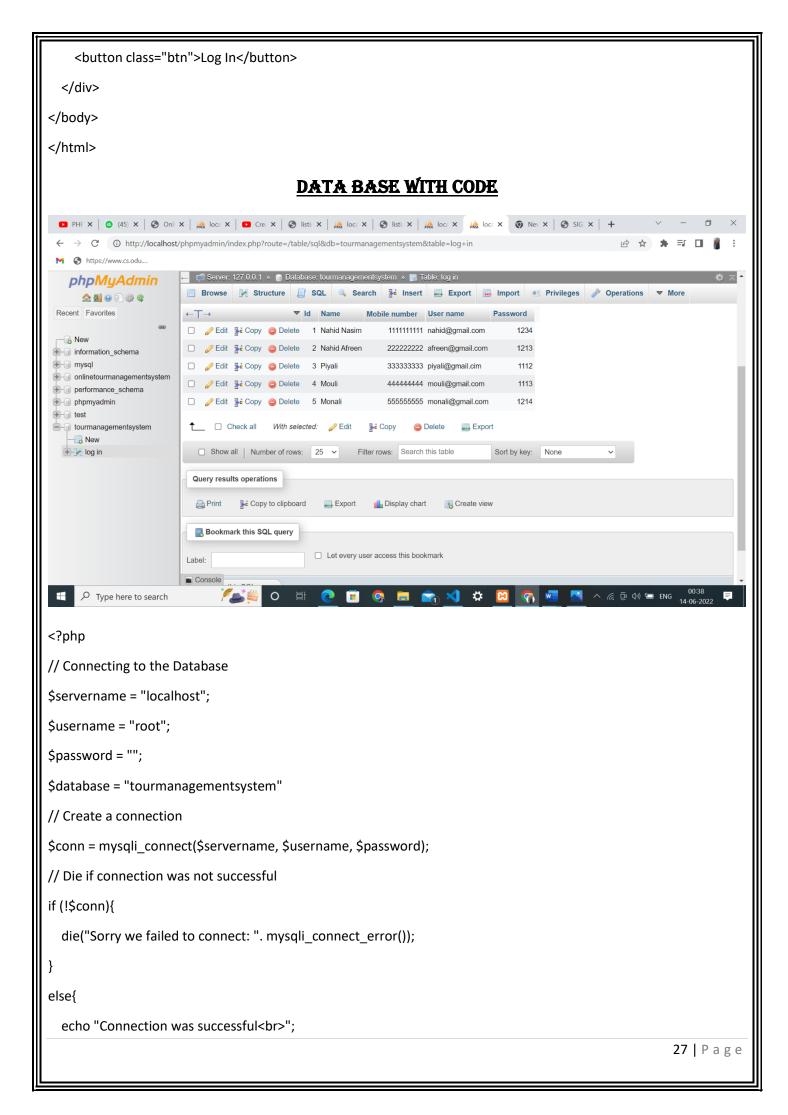
```
<div class="box">
      <i class="fa fa-envelope"></i>
      <input type="Email" name="Email" id="Email" placeholder="Enter Your Email">
    </div>
    <div class="box">
      <i class=" fa fa-key"></i>
      <input type="Password" name="Password" id="Password" placeholder="Enter Your Password">
    </div>
    <div class="box">
      <i class=" fa fa-key"></i>
      <input type="Confrom Password" name="Password" id="Confrom Password" placeholder="Enter Your
Confrom Password">
    </div>
    <button class="btn">Sign In</button>
    <br>
    <button class="btn"><i class="fa-brands fa-facebook"></i>
                                                              Facebook</button>
    <button class="btn"> <i class="fa-brands fa-google"></i>
                                                             Google</br>
  </div>
</body>
</html>
PHP CODE:-
<?php
  include('connection.php');
  $showAlert = false;
  $showError = false;
  $exists=false;
  $name = $_POST["name"];
  $username = $_POST["username"];
  $password = $_POST["password"];
  $cpassword = $_POST["cpassword"];
  $sql = "Select * from login where username='$username'";
  $result = mysqli_query($con, $sql);
  $count = mysqli_num_rows($result);
```

```
if($count == false) {
 if(($password == $cpassword) && $exists == false) {
    $hash = password_hash($password,
               PASSWORD_DEFAULT);
    // Password Hashing is used here.
    $sql = "INSERT INTO `login` ( `name`,
      `username`, `password`) VALUES ('$name',
      '$username', '$password')";
    $result = mysqli_query($con, $sql);
    if ($result) {
      echo "<style>
      *{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    body{
    background-color: #000;
    color: #FFF;
  }
  div{
    display: flex;
    align-items: center;
    justify-content: center;
    height: 100vh;
 }
 h1{
    font-size: 48px;
 }
 </style>
  <div> <h1>Registered Successful</h1>
  </div>";
      $showAlert = true;
```

```
}
  }
  else {
    $showError = "Passwords do not match";
    echo "<style>
    *{
   margin: 0;
   padding: 0;
   box-sizing: border-box;
   }
   body{
   background-color: #000;
   color: #FFF;
div{
  display: flex;
  align-items: center;
  justify-content: center;
  height: 100vh;
h1{
  font-size: 48px;
</style>
<div>
<h1>Passwords do not match</h1>
</div>";
  }
}// end if
if($count == true)
 $exists="Username not available";
 echo "<style>
```

```
*{
 margin: 0;
 padding: 0;
 box-sizing: border-box;
 body{
 background-color: #000;
 color: #FFF;
div{
display: flex;
align-items: center;
justify-content: center;
height: 100vh;
h1{
font-size: 48px;
</style>
<div><h1>Username not available</h1> </div>";
 }
?>
```

# **ADMIN LOG IN PAGE WITH CODE** × | S LOG IN PAGE × SIGN UP × | ③ GALLERY O HOME PAGE × 3 ADMIN LOG IN PAGE $\leftarrow$ $\rightarrow$ ${\tt C}$ $\odot$ File | C:/Users/DELL/Desktop/log%20in.html/Admin%20log%20in.html **ADMIN LOG IN** Enter Your Ema Enter Your Passwor Type here to search \* <!DOCTYPE html> <html lang="en"> <head> <title>ADMIN LOG IN PAGE</title> <link rel="stylesheet" href="Admin log in.css"> <script src="https://kit.fontawesome.com/ab4164fb02.js" crossorigin="anonymous"></script> </head> <body> <div class="container"> <h1> ADMIN LOG IN</h1> <div class="box"> <i class="fa fa-envelope"></i> <input type="Email" name="Email" id="Email" placeholder="Enter Your Email"> </div> <div class="box"> <i class=" fa fa-key"></i> <input type="Password" name="Password" id="Password" placeholder="Enter Your Password"> </div>



```
// Create a db
$sql = "CREATE DATABASE tourmanagementsystem";
mysqli_query($conn, $sql);
$result = mysqli_query($conn, $sql);
//Creat a data base
$sql = "CREATE TABLE 'tourmanagementsystem'.'log in' ('Id' INT(20) NOT NULL, 'Name' VARCHAR(15) NOT NULL,
'Mobile numbe' INT(10) NOT NULL, `User name` VARCHAR(25) NOT NULL, `Password` INT(15) NOT NULL, PRIMARY
KEY ('Id')) ENGINE = InnoDB;"
$result = mysqli_query($conn, $sql);
//inswrtint the data
INSERT INTO 'log in' ('ld', 'Name', 'Mobile number', 'User name', 'Password') VALUES ('1', 'Nahid', '1111111111,
'nahid@gmail.com', '1234');
INSERT INTO 'log in' ('Id', 'Name', 'Mobile number', 'User name', 'Password') VALUES ('2', 'Nahid', '222222222',
'afreen@gmail.com', '1213');
INSERT INTO 'log in' ('Id', 'Name', 'Mobile number', 'User name', 'Password') VALUES ('3', 'Nahid', '333333333',
'piyali@gmail.com', '1112');
INSERT INTO 'log in' ('Id', 'Name', 'Mobile number', 'User name', 'Password') VALUES ('4', 'Nahid', '4444444444',
'mouli@gmail.com', '1113');
INSERT INTO 'log in' ('Id', 'Name', 'Mobile number', 'User name', 'Password') VALUES ('5', 'Nahid', '555555555',
'monali@gmail.com', '1214');
// Check for the database creation success
if($result){
  echo "The record has be recoded successfully!<br>";
else{
  echo "The record has not recoded successfully because of this error ---> ". mysqli error($conn);
?>
```

# **FUTURE ENHANCEMENT**

Tourism is considered to be an important aspect of economic growth and the development of a nation. According to the <u>United Nations World Tourism Organization (UNWTO)</u>, global tourism is expected to reach 1.6 billion (in terms of international arrivals) by the year 2020. Tourism management is generally considered a bright and potential employment sector as it offers a wide variety of career opportunities in both the private and public sector. This article covers the details of tourism management courses and the prospective job opportunities that it can offer you.

# **CONCLUSION**

This web application was successfully created and stored all the travel admin tourism packages booking, creation managing and tour details into the database using this application. The application was tested very well and the errors were properly debugged. Testing also concluded that the performance of the system is satisfactory. All the necessary output is generated. This system thus provides an easy way to automate all the functionalities of consumption. If this application is implemented in few consumption, it will be helpful. Further enhancements can be made to the project, so that the website functions in a very attractive and useful manner than the present one. It is concluded that the application works well and satisfy the needs. The application is tested very well and errors are properly debugged. It also acts as the sharing of files to the valuable resources.

# REFERENCES

- ➤ <a href="https://www.youtube.com/watch?v=6mbwJ2xhgzM&list=PLu0W\_9lII9agiCUZYRsvt">https://www.youtube.com/watch?v=6mbwJ2xhgzM&list=PLu0W\_9lII9agiCUZYRsvt</a> GTXdxkzPyItg
- ► <a href="https://www.youtube.com/watch?v=at19OmH2Bg4&list=PLu0W\_9lII9aikXkRE0Wx">https://www.youtube.com/watch?v=at19OmH2Bg4&list=PLu0W\_9lII9aikXkRE0Wx</a>
  Dt1vozo3hnmtR
- ➤ <a href="https://www.analyticsvidhya.com/blog/2021/07/beginners-guide-to-cloud-based-tourism-management-system/">https://www.analyticsvidhya.com/blog/2021/07/beginners-guide-to-cloud-based-tourism-management-system/</a>

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