Project Report On TOUR AND TRAVEL WEBSITE

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CERTIFICATE

This is to certify that the project work titled "TOUR AND TRAVEL WEBSITE" is a bonafied project work submitted by R.Lalithamma H.Vandana D.Kalyani in the department of COMPUTER SCIENCE AND ENGINEERING in partial fulfillment of requirements for the award of degree of Bachelor of Technology in Computer science and engineering for the year 2022-2023 carried out the work under the supervision.

GUIDE S.RAJESWARI HEAD OF THE DEPARTMENT

N.SATHYANANDHARAM

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ABSTRACT

A tour and travel website is a website on the intemet that is dedicated to travel.

The site may be focused on travel reviews, trip fares, or a combination of both. Many travel websites are online travelogues or travel journals, usually created by individual travelers and hosted by companies that generally provide their information to consumers for free. The purpose of website is established fact that Internet users are increasing today. One of the main purposes of the website is to facilitate the offline customer online because customers cannot spend their precious time in markets trying to find out the best deal. India is a country where in a few days holiday, you can enjoy a lot .The problem is that we although having many websites but they offer different kind of services.The customers are enjoying a lot but there is a lack of relationship between travel agency and customers and hence we are establishing that relationship by caring and serving all customers in the same manner that we wish to be served.

We need to build a world class team armed with knowledge and backed by technology to advise customers in planning of their holidays and to answer their queries. We will be putting an effort to provide the right choice to the people when they plan a holiday and beware them from the false advertising. We will provide them services which they need in duration of their holiday and we'll like to hear from our customers because customer feedback will encourage us to improve our services. We also manage some entertainment services during travel if you required. In this website you can choose any package of tour and travel services and enjoy a lot. We provide best hotel for relaxation, best food and water for your health, best travel services, hot water and shower for your better refreshment.

INTRODUCTION

Excursion website is used to book a tour from anywhere in the world by a single dynamic website which will help the user to know all about the places and tour details in a single website. The admin can add packages to the website from a certain travel agents and hotels by create a tour page. Then the users can sign in and book each project, they can be confirmed by the admin in their manage booking page. The user can see the confirmation in their my booking page. It is a easiest platform for all travelers which can be easily booked and know the all details. Tour Management system is a dynamic website for tourism business.

It is dynamic and responsive web design. It is also called travel technology solution for agencies & tour operation. Nearly Everyone goes on a vacation for this a Tourism management system' would play a vital role in planning the perfect trip. The tourism management system allows the user of the system access all the details such as 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

I. EXISTING SYSTEM

In the existing system, euch task is carried out manually and processing is also a tedious job In previous system travelers were maintaining time table details manually in per and paper, which was time taking and costly. The travelers is not able to achieve its need in time and also the results may not accurate. Because of the manual manterance there are number of difficulties and drawbacks exist in the system. Some of them are

Drawbacks of the Existing System:

Increased transaction leads to increased source document and hence maintenance becomes difficult If any admin, user entry is wrongly made then the maintenance becomes very difficult.

pecomes very difficult.			
II. PROPOSED SYSTEM			
The proposed system is designed to be more efficient than the manual system.			
It invokes all base tasks that are now camed out manually, such as the forms transactions			

MODULES

Home

About

Package

Book

Modules Description:

Home Module:

Home module consists of services which they are going to provide . It consists of "about us" button which redirects to "about us" module and packages with "book now button" which redirects to book module .

About Module:

This module consists brief description about the services and offers provided to the customers by travel agency. It also consists reviews and ratings of travellers how they felt about the services, accommodation, hotels, food etc during their trip.

Package Module:

This module consists of different types of tourist places and with their images. Based on the traveller's interest he/she can chose...

Book Module:

This is the module where tourist can book their desired destinations and these records which were entered here can view the admin.

PURPOSE

The purpose of travel sites is to provide information related to local or international tourists' destinations. When you are planning trips to where you are not familiar with, you may need to look into them. Travel sites are a platform to displace destination Management companies that provides Local travel services, you can reserve transportation, day tour services, restaurants, hotels, etc. Besides, From the perspective of local services providers, the sites play the role of ads carrier.

SCOPE

Excustion website 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.

ADVANTAGES

- Offer real time data access.
- Minimize your maintenance cost.
- 24*7 interactions with customers.
- Saves time and money.
- Minimized order processing costs.
- Instant reservation or booking facilities of flights, tour packages etc.
- Helpful in expansion of your business.
- Booking a ticket or cancelling a ticket becomes very simple.
- Users can simply search for hotels and book them online.
- It is a proper way to do promotions of business and by online marketing you will extremely get more potential customers.
- Our professional web developers can deliver customized travel portals which go well with the
- provisions of the clients as well as the visitors.
- Agents no longer need to maintain hard-copy files on clients, nor do they have to spend a lot
 of time
- collecting payments from clients and remitting balances to vendors.

DISADVANTAGES

- •One of the disadvantages that technology has brought in the industry is that it has caused unemployment.
- •Many people who worked in the hotels as managers, waiters, and cooks, as well as those in the tourist industry such as tour guides, lost their jobs to cut the cost and by utilising the internet.

REQUIREMENT SPECIFICATION

Hardware Configuration:

client side:

Ram	513MB
Hard disk	10GB
Processor	1.0GHz

Server side:

Ram	1 GB
Hard disk	20 GB
Processor	2.0 GHz

Software Requirement:

Front-end	HTML,CSS,jquery,Java script
Server side Language	РНР
Database server	MYSQL
Web Browser	Firefox, Google Chrome or any compatiable browser
Operating System	Ubuntu,Windows or any equivalent OS
Software	xampp

APACHE

The Apache HTTP Server Project is an effort to develop and maintain an open-source HTTP server for modern operating systems including UNIX and Windows. The goal of this project is to provide a secure, efficient and extensible server that provides HTTP services in sync with the current HTTP standards. The Apache HTTP Server was launched in 1995 and it has been the most popular web server on the Internet since April 1996. It has celebrated its 20th birthday as a project in February 2015.

PHP

- PHP stands for PHP: Hypertext preprocessor.
- PHP is a server-side scripting language, like ASP.
- PHP scripts are executed on the server.
- PHP supports many databases (MYSQL, Informix,
- Oracle, Sybase, Solid, Generic ODBC, etc.).
- PHP is an open source software.
- PHP is free to download and use.

MYSQL

- MYSQL is a database server
- MYSQL is ideal for both small and large applications
- MYSQL supports standard SQL
- MYSQL compiles on a number of platforms
- MYSQL is free to download and use
- How to access MySQL:
- http://localhost/phpmyadmin

Analysis and Design

Analysis:

Excursion Analysis is an important tool for optimizing your city's tourism marketing programs. Today's analytics based approches can leverage new alternative datasets to identify who your visitors are ,pinpoint where you should focus your marketing efforts.

Understanding the top combinations of visitor attractions is important because it helps to identify opportunities to bundle offers in your marketing promotion. Using mobile Device data to conduct a destination analysis allows you to present multi-destination packages designed to appeal to your visitors and encourage longer visits.

Disadvantages of present System

One of the disadvantages that technology has brought in the industry is that it has caused unemployment. Many people who worked in the hotels as managers, waiters, and cooks, as well as those in the tourist industry suchas tour guides, lost their jobs to cut the cost and by utilising the internet.

Design Introduction:

Design is the first step in the development phase for any techniques and principles for the purpose of defining a device, a process or system in sufficient detail to permit its physical realization. Once the software requirements have been analyzed and specified the software design involves three technical activities – design, coding, implementation and testing that are required to build and verify the software.

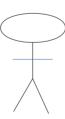
The design activities are of main importance in this phase, because in this activity, decisions ultimately affecting the success of the software implementation and its ease of maintenance are made. These decisions have the final bearing upon reliability and maintainability of the system. Design is the only way to accurately translate the customer's requirements into finished software or a system.

Design is the place where quality is fostered in development. Software design is a process through which requirements are translated into a representation of software. Software design is conducted in two steps. Preliminary design is concerned with the transformation of requirements into data.

UML diagrams:

Actor:

A coherent set of roles that users of use cases play when interacting with the use cases.an observable result of value of an actor.



Use case:

A description of sequence of actions, including variants, that a system performs yields an observable result of value of an actor. actor diagram is drawned in a eclipse shape



UML

UML stands for Unified Modeling Language. UML is a language for specifying, visualizing and documenting the system. This is the step while developing any product after analysis. The goal from this is to produce a model of the entities involved in the project which later need to be built. The representation of the entities that are to be used in the product being developed need to be designed.

USECASE DIAGRAMS:

Use case diagrams model behavior within a system and helps the developers understand of what the user require. The stick man represents what's called an actor.

Use case diagram can be useful for getting an overall view of the system and clarifying that can do and more importantly what they can't do.

Use case diagram consists of use cases and actors and shows the interaction between the use case and actors.

- The purpose is to show the interactions between the use case and actor.
- To represent the system requirements from user's perspective.
- An actor could be the end-user of the system or an external system.

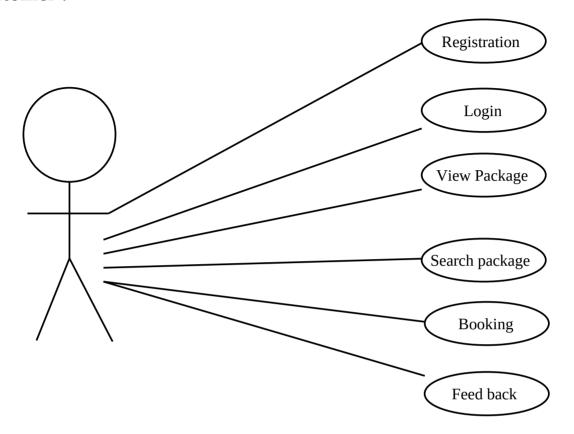
USECASE DIAGRAM:

A Use case is a description of set of sequence of actions. Graphically it is rendered as an ellipse with solid line including only its name.

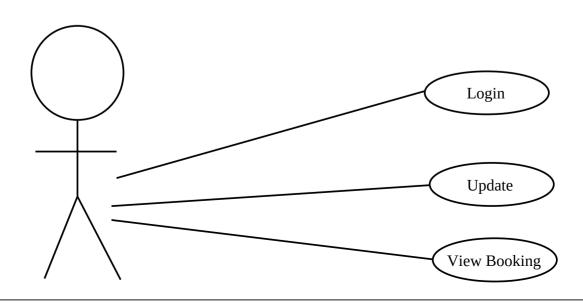
Use case diagram is a behavioral diagram hat shows a set of use cases and actors and their relationship. It is an association between the use cases and actors. An actor represents a real-world object. Primary Actor – Sender, Secondary Actor Receiver.

Use Case Diagrams:

Customer:



Admin:



ER Diagram:

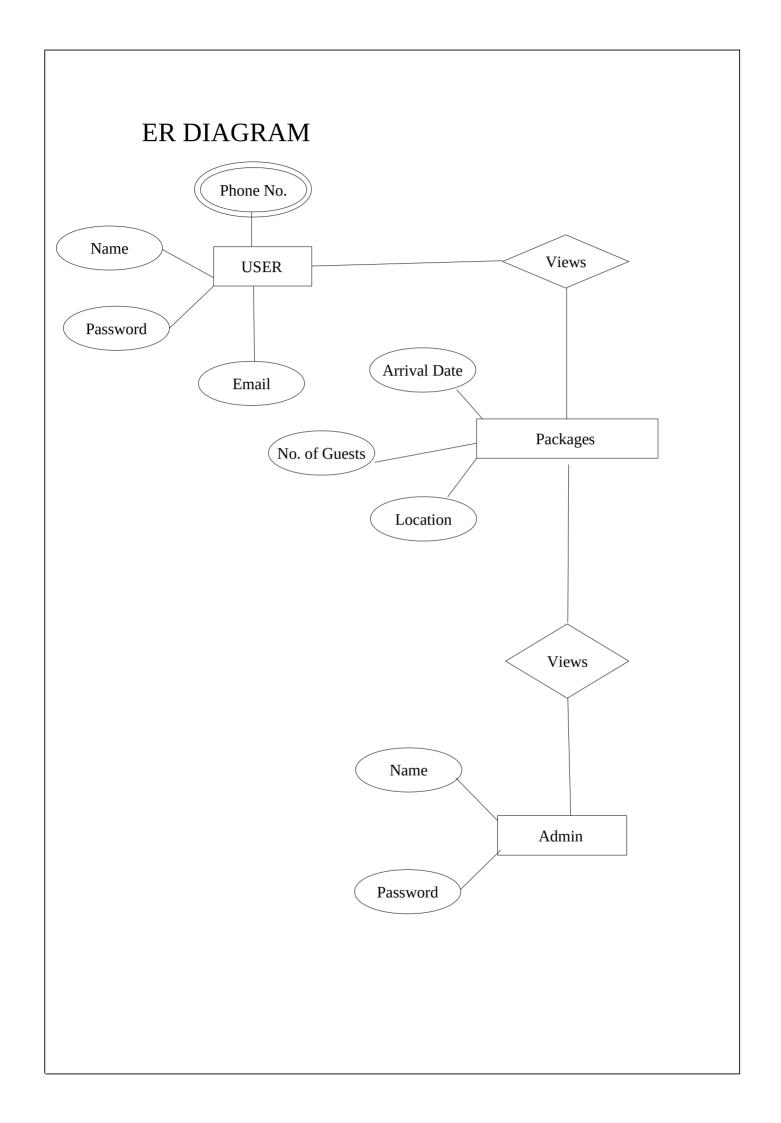
The Entity-Relationship (ER) model was originally proposed by Peter in 1976 [Chen76] as a way to unify the network and relational database views. Simply stated the ER model is a conceptual data model that views the real world as entities and relationships. A basic component of the model is the Entity-Relationship diagram which is used to visually represent data objects. Since Chen wrote his paper the model has been extended and today it is commonly used for database design for the database designer, the utility of the ER model is:

- It maps well to the relational model. The constructs used in the ER model can easily be transformed into relational tables.
- It is simple and easy to understand with a minimum of training. Therefore, the model can be used by the database designer to communicate the design to the end user.
- In addition, the model can be used as a design plan by the database developer to implement a data model in specific database management software.

ER Notation:

There is no standard for representing data objects in ER diagrams. Each modeling methodology uses its own notation. The original notation used by Chen is widely used in academics texts and journals but rarely seen in either CASE tools or publications by non-academics. Today, there are a number of notations used; among the more common are Bachman, crow's foot, and IDEFIX. All notational styles represent entities as rectangular boxes and relationships as lines connecting boxes. Each style uses a special set of symbols to represent the cardinality of a connection. The notation used in this document is from Martin. The symbols used for the basic ER constructs are:

- Entities are represented by labeled rectangles. The label is the name of the entity. Entity names should be singular nouns.
- Relationships are represented by a solid line connecting two entities. The name of the relationship is written above the line. Relationship names should be verbs.
- Attributes when included, are listed inside the entity rectangle. Attributes which are identifiers are underlined. Attribute names should be singular nouns.
- Cardinality of many is represented by a line ending in a crow's foot. If the crow's foot is omitted, the cardinality is one.
- Existence is represented by placing a circle or a perpendicular bar on the line. Mandatory existence is shown by the bar (looks like a 1) next to the entity for an instance is required. Optional existence is shown by placing a circle next to the entity that is optional.



Implementation and System Testing

After all phase have been perfectly done, the system will be implemented to the server and the system can be used.

System Testing:

The goal of the system testing process was to determine all faults in our project .The program was subjected to a set of test inputs and many explanations were made and based on these explanations it will be decided whether the program behaves as expected or not. Our Project went through two levels of testing :

- 1. Unit testing
- 2 .Integration testing

Unit Testing:

Unit testing is commenced when a unit has been created and effectively reviewed .In order to test a single module we need to provide a complete environment i.e. besides the section we would require The procedures belonging to other units that the unit under test calls Non local data structures that module accesses .A procedure to call the functions of the unit under test with appropriate parameters

1. Test for the admin module

Testing admin login form - This form is used for log in of administrator of the system. In this form we enter the username and password if both are correct administration page will open otherwise if any of data is wrong it will get redirected back to the login page and again ask the details.

Report Generation: admin can generate report from the main database.

Integration Testing

In the Integration testing we test various combination of the project module by providing the input. The primary objective is to test the module interfaces in order to confirm that no errors are occurring when one module invokes the other module.

CODE

Login.html

```
<!DOCTYPE html>
<html>
  <head>
    <title>Excursion website-Login</title>
    <link rel="stylesheet" href="index.css">
  </head>
  <body>
    <div class="contain">
      <div class="center-contain">
          <h2>Login</h2>
               <form action="login.php" method="post"</pre>
id="fm">
             <input type="text" name="username"
placeholder=" Email" class="userfield" style="background-
color:rgb(196, 195, 195);" id="lusername" required>
               <input type="password" name="pwd"
placeholder=" Password" class="userfield"
style="background-color:rgb(196, 195, 195);" id="lpwd"
required>
               >
                 <button type="submit" style="border:</pre>
solid #0ec736 2px;" id="btn2"><span
id="span2"></span>Login</button><br><span
id="error"></span>
                 <br><a href="sign-up.php"
style="color:blue; ">Dont have an account?Create account</
a>
               </form>
          </div>
    </div>
  </body>
</html>
```

Login.php

```
<html>
         <body>
                 <?php
                         session start();
                         $ SESSION['mail']="";
                         $_SESSION['phone']="";
                         $ SESSION['name']="";
                         $_SESSION['admin']=false;
                         $username=$_POST['username'];
                         $pwd=$_POST['pwd'];
                         if($username=='admin' && $pwd=='Admin@123')
                                 $ SESSION['admin']=true;
                                header("location:adminPage.php");
                         else{
                                 $conn=mysqli_connect('localhost','root',",'travel');
                                 $sql="SELECT * FROM user WHERE
email='$username' AND password='$pwd';";
                                 $res=mysqli_query($conn,$sql);
                                 $no_of_rows=mysqli_num_rows($res);
                                 if (something simple 
                                          $data=mysqli fetch assoc($res);
                                          $_SESSION['name']=$data['name'];
                                         $ SESSION['phone']=$data['phone'];
                                         $_SESSION['mail']=$username;
                                        header('Location:home.php');
                                         //echo $_SESSION['profileimg'];
                                 else{
                                          echo "<script>alert('Invalid Credentails');
                         window.location='index.php'</script>";
                                 }
                         }
                 ?>
         </body>
</html>
```

Signup.html

```
<!DOCTYPE html>
<html>
  <head>
    <title>Excursion website-signUp</title>
    <link rel="stylesheet" href="index.css">
  </head>
  <body>
    <div class="contain">
      <div class="center-contain" >
        <h2>Sign up</h2>
            <form action="signup.php" method="post"
id="fm">
          <input type="text" name="fullname"
placeholder=" Full Name" class="userfield"
style="background-color:rgb(196, 195, 195);" id="fullname">
          <input type="email" name="email"
placeholder=" Email" class="userfield" style="background-
color:rgba(196, 195, 195);" id="username">
             <input type="number" name="phone"
placeholder="Phone Number" class="userfield"
style="background-color:rgba(196, 195, 195);" id="phone">
            <input type="password" name="pwd"
placeholder=" Password (min:8 chars)" class="userfield"
style="background-color:rgb(196, 195, 195);" id="pwd">
             <button type="submit" style="border: solid
#0ec736 2px;" id="btn2"><span id="span2"></span>Create</
button><br><span id="error"></span>
               <br/>br><a href="index.php" style="color:blue;
">Already have an account?Login here</a>
               </form>
        </div>
    </div>
</body>
</html>
```

Signup.php

```
<?php
  $fullname=$_POST['fullname'];
  $username=$_POST['email'];
  $phone=$_POST['phone'];
  $pwd=$_POST['pwd'];
  $conn=mysqli connect('localhost','root',",'travel');
  if(!$conn)
     echo "error db connection":
  $sel="SELECT * FROM `user` WHERE
email='$username''':
  $run=mysqli_query($conn,$sel);
  if(mysqli fetch assoc($run))
     echo "<script>alert('Successfully registered.');
         window.location='index.php'</script>";
  $sql="INSERT INTO user
VALUES('$fullname','$username','$pwd','$phone');";
  if (mysqli_query($conn,$sql)){
         echo "<script>alert('Successfully register. Login
with credentials.');
         window.location='index.php'</script>";
     }
  else{
       echo "<script>alert('Registration Failed.');
       window.location='sign-up.php'</script>";
  }
?>
```

Home.html

```
<html>
<body>
<section class="services">
 <h1 class="heading-title"> our services </h1>
  <div class="box-container">
   <div class="box">
     <h3>adventure</h3>
   </div>
   <div class="box">
     <h3>tour guide</h3>
   </div>
   <div class="box">
     <h3>trekking</h3>
   </div>
   <div class="box">
     <h3>camp fire</h3>
   </div>
   <div class="box">
     <h3>off road</h3>
   </div>
   <div class="box">
     <h3>camping</h3>
   </div>
  </div>
</section>
<!-- services section ends -->
<!-- home about section starts -->
<section class="home-about">
  <div class="image">
   <img src="images/about-img.jpg" alt="">
  </div>
 <div class="content">
   <h3>about us</h3>
   We are on a journey to transform ordinary trips into
extraordinary ones. We are your guide, bringing you personal
experiences. And we are just getting started. We are changing
the way people connect to the places they visit so anyone can
create their dream vaccation. It's your journey, your way 
   <a href="about.php" class="btn">read more</a>
  </div>
</section>
<!-- home about section ends -->
</body>
</html>
```

Home.php

```
<html>
<body>
<section class="about">
 <div class="image">
   <img src="images/about-img.jpg" alt="">
 <div class="content">
   <h3>why choose us?</h3>
   FUll Service-Everything that a tourist may need
when going abroad, in addition to the ticket.
   Quality Guarantee - We do not have to worry about
paperwork necessary documents.
   Full Support-contacting us, you get full support, from
choosing the tour and ending with advice on what to take
with you on a trip.
   <div class="icons-container">
     <div class="icons">
       <i class="fas fa-map"></i>
       <span>top destinations</span>
     </div>
     <div class="icons">
       <i class="fas fa-hand-holding-usd"></i>
       <span>affordable price</span>
     </div>
     <div class="icons">
       <i class="fas fa-headset"></i>
       <span>24/7 service</span>
     </div>
   </div>
 </div>
</section>
</body>
</html>
```

Package.html

```
<html>
<body>
<section class="packages">
 <h1 class="heading-title">top destinations</h1>
 <div class="box-container">
   <div class="box">
     <div class="image">
      <img src="images/img-1.jpg" alt="">
     </div>
     <div class="content">
      <h3>Historial places</h3>
     Explore the famous historical places in INDIA in 2k22!
xplore
      <a href="book.php" class="btn">book now</a>
     </div>
   </div>
   <div class="box">
     <div class="image">
      <img src="images/img-2.jpg" alt="">
     </div>
     <div class="content">
      <h3>top 10 Beauty spots</h3>
      The most beautiful places in INDIA that one should
visit!
       <a href="book.php" class="btn">book now</a>
     </div>
   </div>
</body>
</html>
```

Book.php

```
<?php
    session start();
     #if(isset($_POST['send']))
      $name=$_SESSION['name'];
      $email=$_SESSION['mail'];
      $phone=$_SESSION['phone'];
      $whereTo=$_POST['location'];
      $howMany=$ POST['guests'];
      $arrivalDate=$ POST['arrivals'];
      $con= new mysqli("localhost","root","","travel");
      $ins="INSERT INTO 'bookings'('name', 'email',
`phone`, `where_to`, `no_of_guests`, `arrival_date`)
VALUES
('$name','$email','$phone','$whereTo','$howMany','$arrival
Date')";
      if(mysqli_query($con,$ins))
        echo "<script>alert('Booked Succesfully');
        window.location='book.php';</script>";
      else{
         echo "<script>alert('Booking failed');
         window.location='book.php';</script>";
      # }
   ?>
```

Admin.php

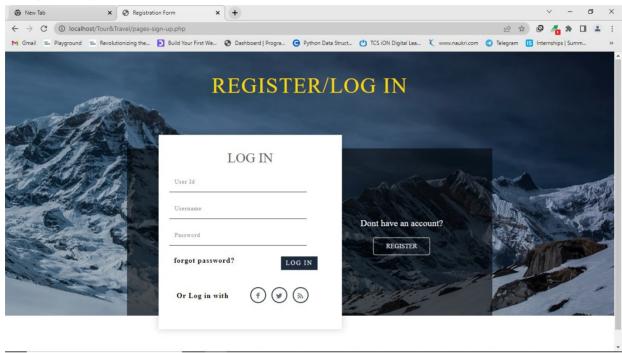
```
<?php
  $con= new mysqli("localhost","root","","travel");
 $sel="select * from bookings order by booked_date desc";
 $run=mysqli_query($con,$sel);
 if(mysqli_num_rows($run))
    echo "
    Name
     Email
     Phone No.
     Location
     No. Of guests
      Arrival Date
      Booked On
    ";
   while($data=mysqli_fetch_assoc($run))
     echo "
     ".$data['name']."
     ".$data['email']."
     ".$data['phone']."
     ".$data['where_to']."
     ".$data['no_of_guests']."
     ".$data['arrival_date']."
     ".$data['booked_date']."
      ";
    }
  }
 else
   echo "<center><font color=red><b>No Booings
Found</b></font</center>";
?>
```

Logout.php

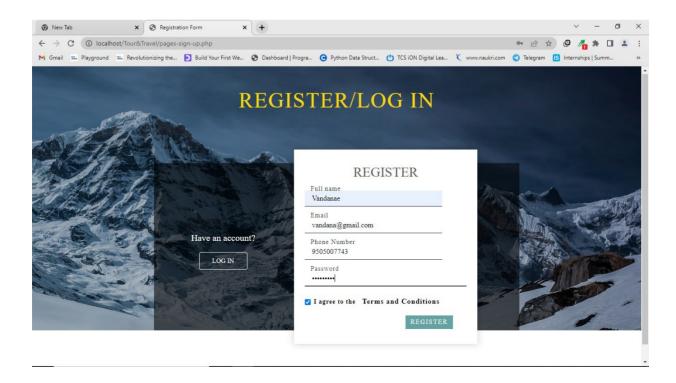
```
<?php
  session_start();
  $_SESSION['mail']="";
  $_SESSION['admin']=false;
  $_SESSION['phone']="";
  $_SESSION['name']="";
  header("Location:index.php");
?>
```

EVALUATION

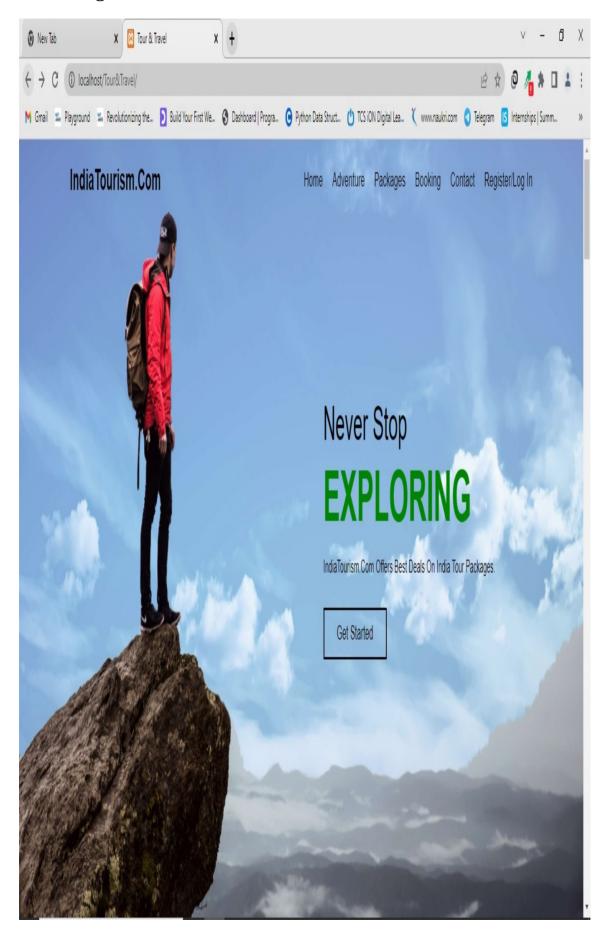
Login Page

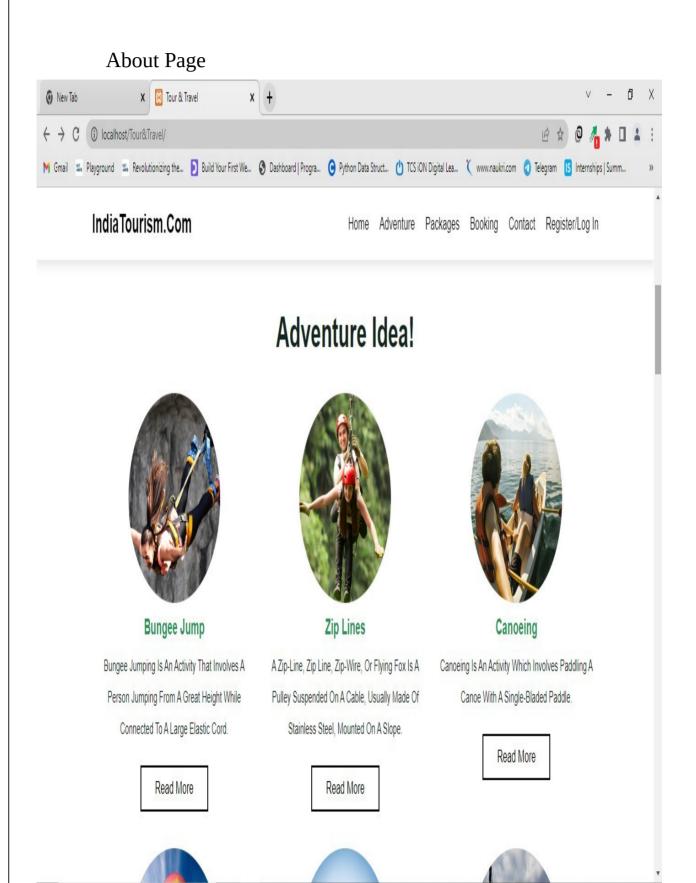


Sign up page

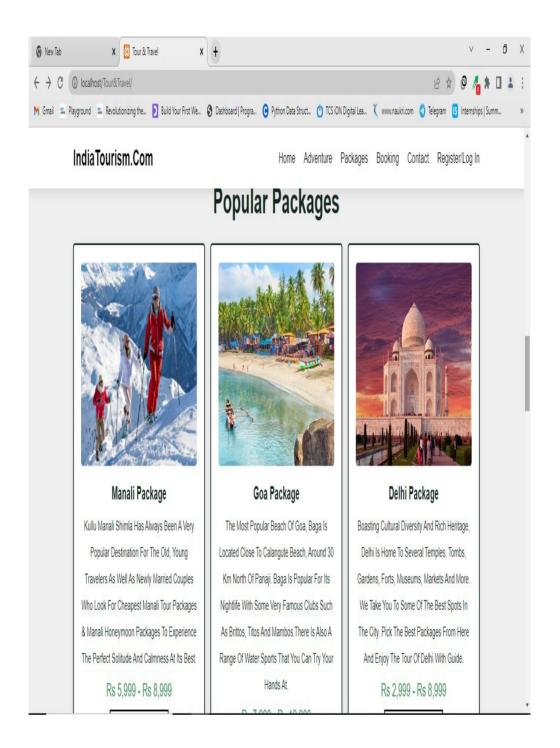


Home Page

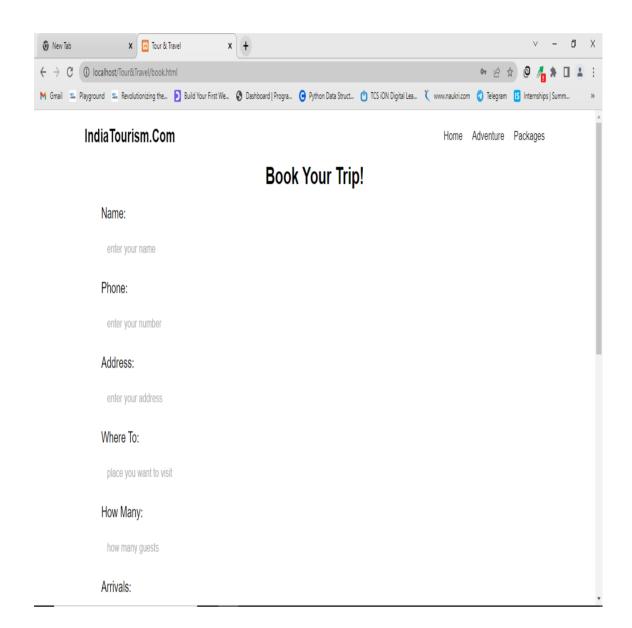




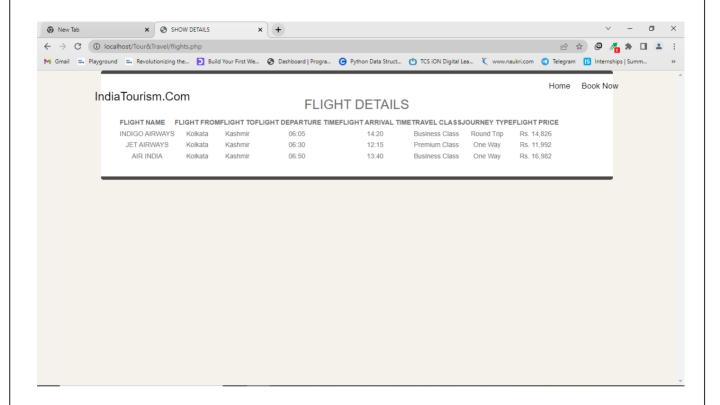
Packages Page



Booking Page



Admin Page



Conclusion

"Excursion management" simplifies the management process in travelling.

Fast processing and intermediate results with high security. Minimizing human effort and cost Efficient databases. Navigation through the site is easy.

The number of sources of secondary information available on tourism, travel, and hospitality Continues to grow.

References

FOR PHP

https://www.php.net/

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