



Report on project

Tourism database management system

NAME: DHARAVATH VISHAL NAIK
NAME: MANCHALA ABHICHAND

ROLL NO:210001014
ROLL NO:210001039

REPORT ON MINOR PROJECT

INTRODUCTION

The tourism industry faces a great challenge in the age of information technology development. The traditional tourism distribution channel faces a threat from the emerging IT environment. Throughout the years the tourism industry was dependent on intermediaries, who enabled the interaction between the suppliers and the customers. In the current situation, customers cannot spend their precious time in markets to find out the best deal according to their flavours. Our database has the information according to their interests. Nowadays, however, the suppliers can reach the customer directly via the internet having the geographical distance barriers and costs associated with them, disappeared. The internet age changed the complexity of tourism distribution, enabling the entry of the new virtual intermediaries characterized by a strong competitive advantage over other players in the sector. The present systems are inadequate in providing information and advice to the customers about tour plans. Generally, customers rely on local information sources and count on their own experiences regarding time and cost. Our web-based system **“TOURA”** provides all your needs regarding international tours.

OBJECTIVE:

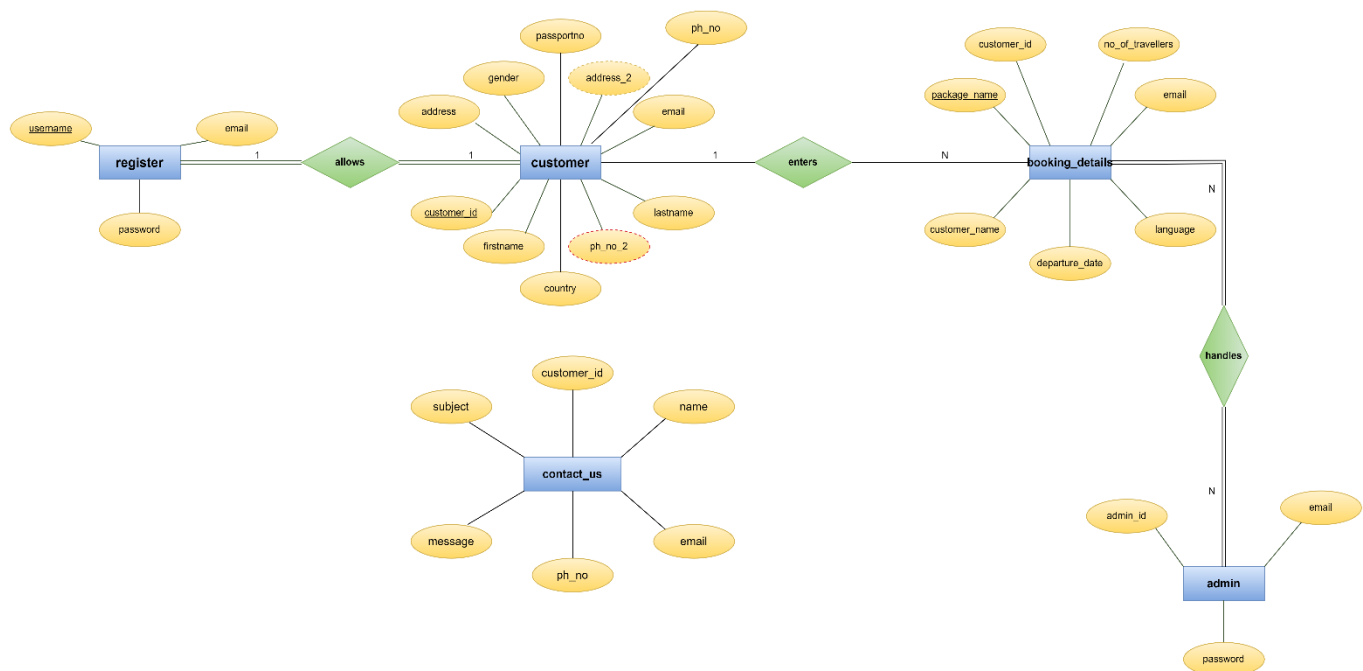
The main objective of tourism website is to manage details of tour, customer, facilities. The project is totally build at administrative end so the administrator is guaranteed full access. The purpose of our tourism database is to provide some unique information to customers and develop a good interface which other websites are not able to provide these days. 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.

FACILITIES OF TOURA:

- ➔ Toura provides predefined packages for customers.
- ➔ Every package contains various hotels and they are feasible
- ➔ Toura manages the information of customer details and booking details.
- ➔ Toura manages the information of tours.
- ➔ User can cancel a booking if it is necessary.
- ➔ Every user has a separate dashboard to see his/her bookings and edit them.

- ➔ Our website keeps a track of customer over the tour.
- ➔ Admin has the sovereign power to take actions on the tours according to the requirements.
- ➔ Our website has a feedback mechanism which helps to ensure the interests of customers.

ER DIAGRAM



MODULES OF TOURA:

Register module: to register a account in the website.

Admin module: particularly for admin to look after bookings.

Customer details module: used to manage details of customer.

Booking details module: used to manage details of booking.

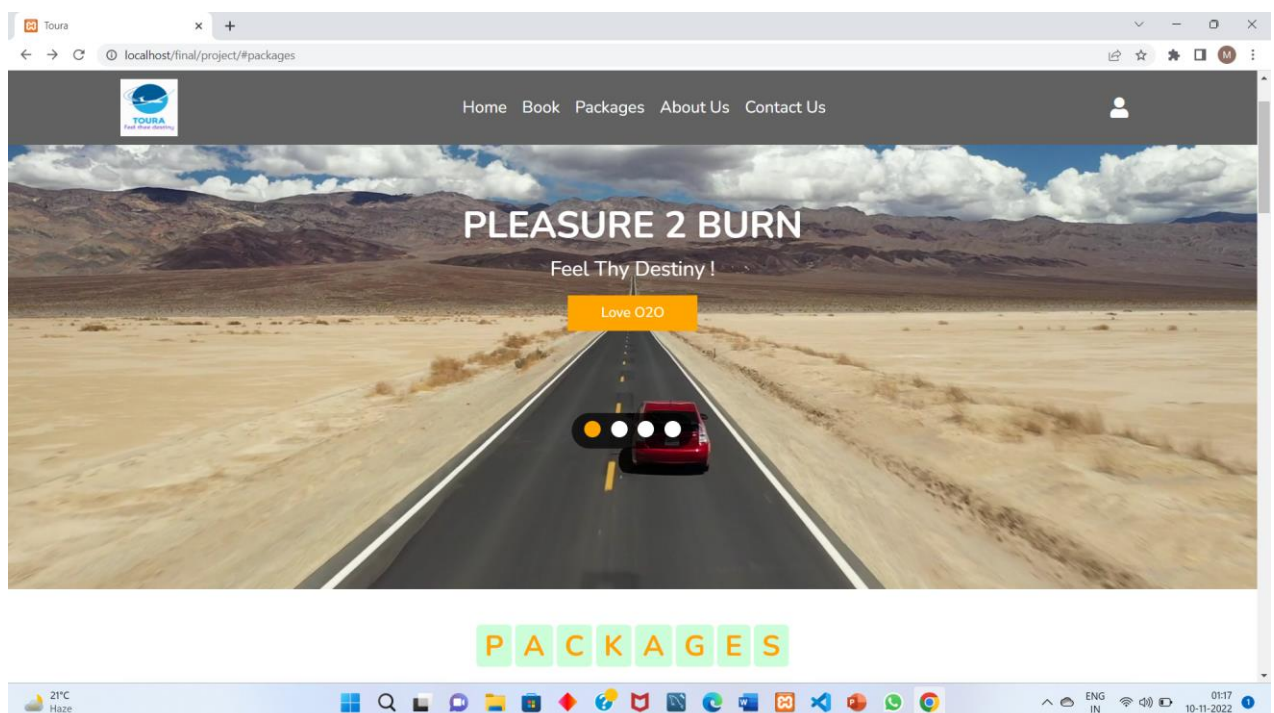
Contact us module: used to take feedback of customers.

OUR TOURISM WEBSITE

It provides an easy interface where people understand about our tour packages and can book required package accordingly.

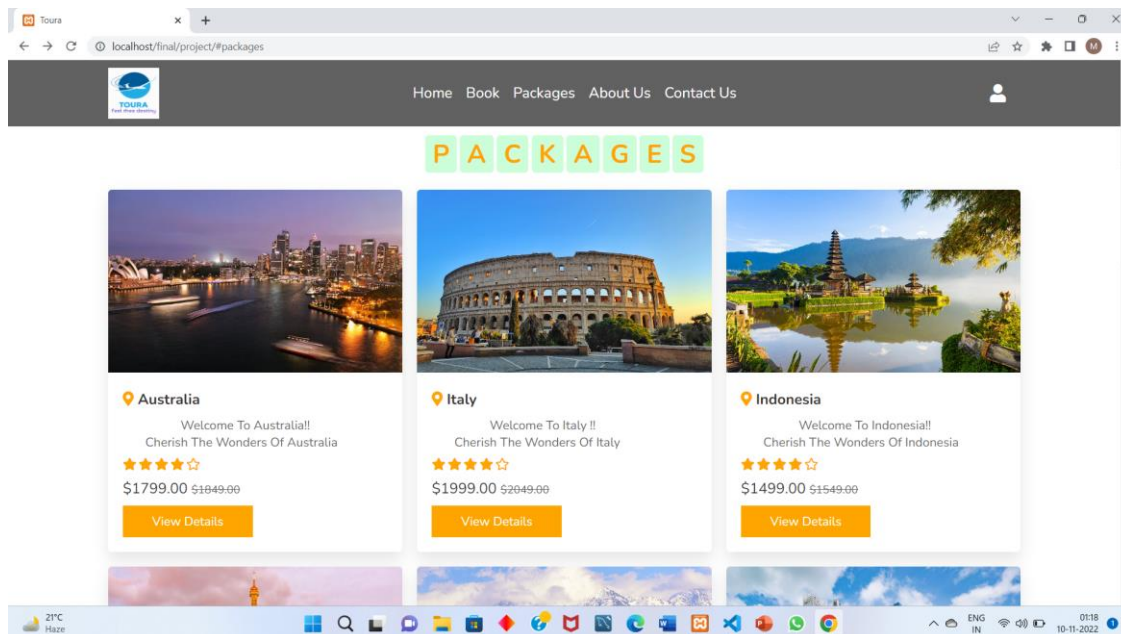
It allows the registered and logged customers to fill the required data to book a tour.

Firstly, user can see the interface of home page which consists of mainly packages of tours which are predefined by admin.



After clicking on a particular package (say Australia package), user can see a page containing full details of it. It includes the places which we cover, its timeline Hotels related to it and its ratings. So in

home page user can select a package which he/she is interested to go.







8 Days 9 Nights


<----->

Start --> Sydney(2N) --> Melbourne(2N) --> Brisbane(2N) --> Canberra(2N) --> End Of Journey

<----->

Package Includes:

 Flights ||  Sightseeing ||  Hotels ||  Meals



Sydney:
Sofitel Hotel
Rating :
★★★★☆
Facilities :
🏊 Gym || 📶 Wi-Fi || 🍴 Food

Homepage also consists of register, login icons for registering followed by login. After a person register then website directs him to login page. If user already registered then he/she can login directly.

REGISTER NOW

Register Now

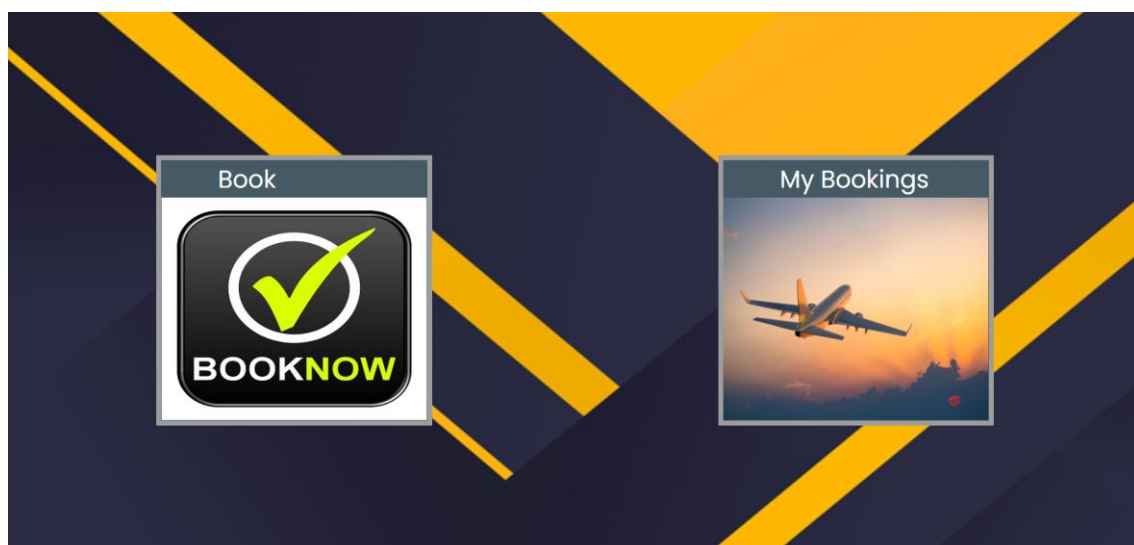
already have an account? [login now](#)

LOGIN NOW

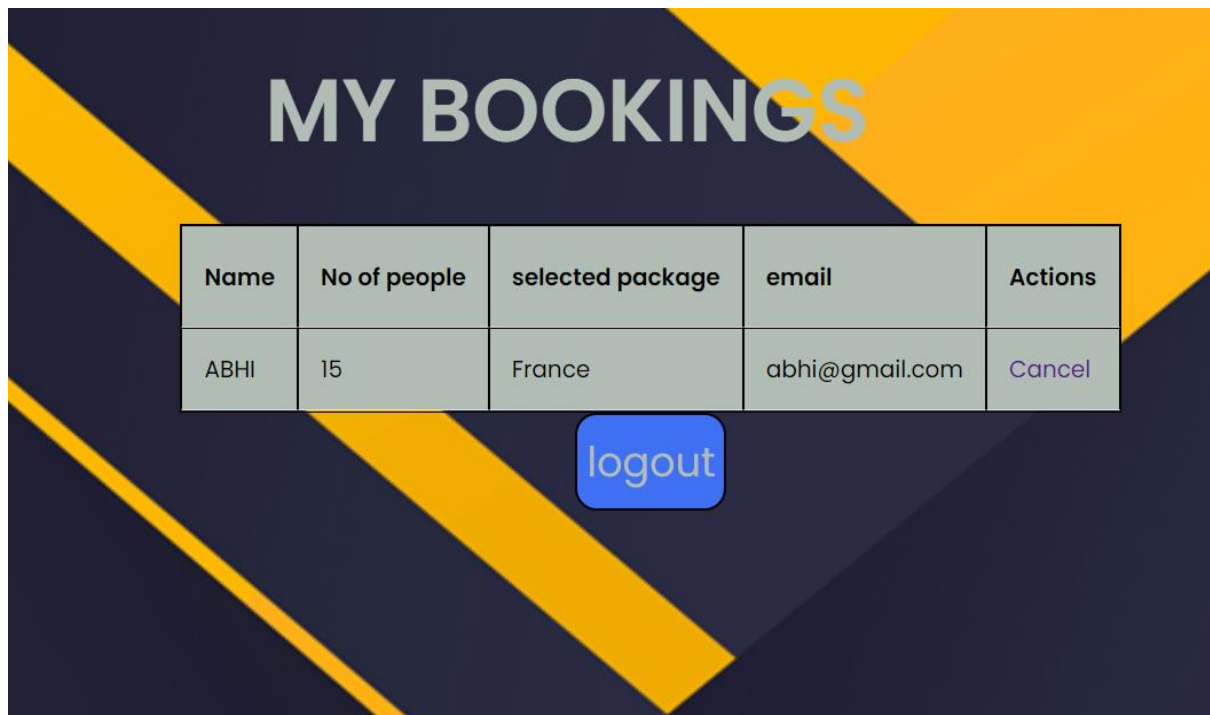
Login Now

don't have an account? [register now](#)

After logging into your particular user account, he/she can view a common webpage which has book and see my bookings option where he can see the particular bookings of him/her.



If a user want to see his/her bookings he can click my bookings where he gets to see and after that he can logout instantly from there.



If a user wants to book for a tour he can click the book option and it directs user to customer details and after filling the details user can go to booking details form where user can select the required package. If you have filled it once you can go directly to booking details through click here option.

Customer details

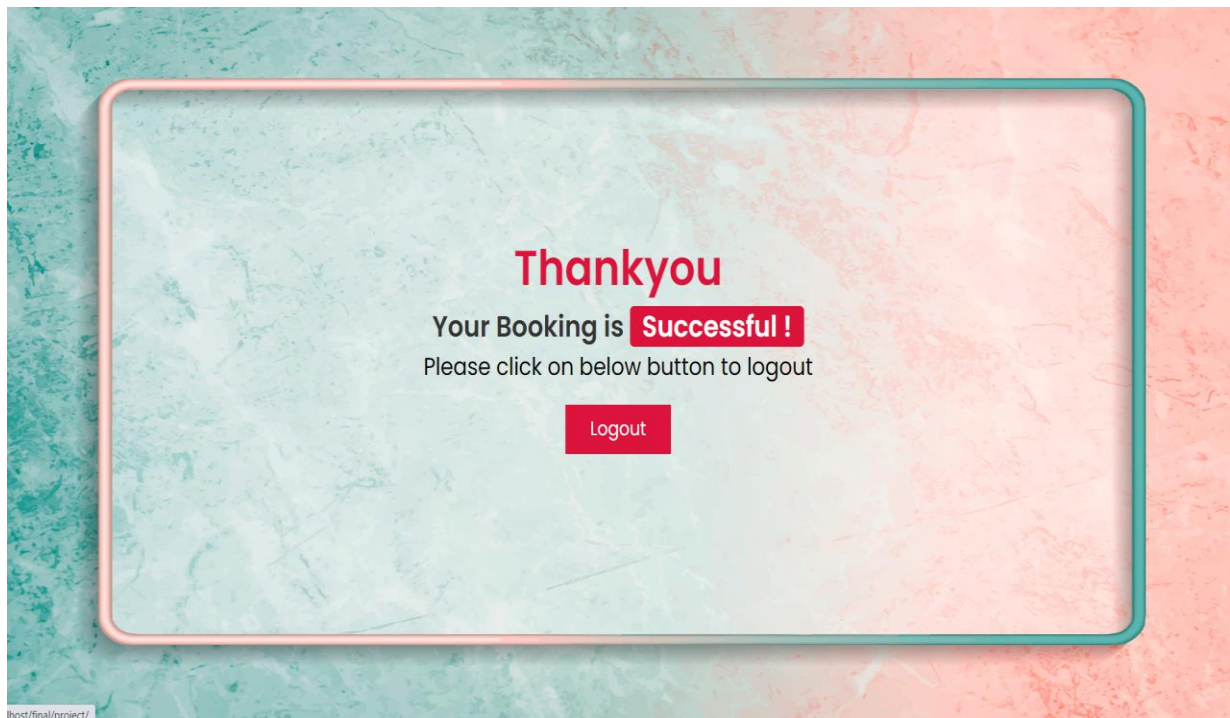
First Name <input type="text" value="Enter your name"/>	Last Name <input type="text" value="Enter your name"/>	Gender <input type="text" value="Select Gender"/>
Email <input type="text" value="Enter your email"/>	Country <input type="text" value="Nationality"/>	Mobile Number <input type="text" value="Enter mobile number"/>
Mobile Number 2 <input type="text" value="Enter mobile number"/>	Address <input type="text" value="Enter your Address"/>	Alternate address <input type="text" value="Alternate Address"/>
Passport <input type="text" value="passport-no"/>	<input type="button" value="Submit"/>	

If you have already filled this form [click here](#)

Booking Details

<input type="text" value="Name"/>	<input type="text" value="No of people"/>	<input type="text" value="dd-mm-yyyy"/>
<input type="text" value="Select package"/>	<input type="text" value="email"/>	<input type="text" value="language preferred"/>
<input type="button" value="Book"/>		

After booking a particular package user gets a confirmation page and logout from there.



TECHNOLOGIES USED:

- ✓ HTML AND CSS IS USED TO DEVELOP FRONT-END.
- ✓ JAVASCRIPT AND BOOTSTRAP IS USED IN FRONT-END OPERATIONS.
- ✓ PHP IS USED FOR BACKEND WITH MYSQL AS DATABASE.
- ✓ MySQL for database server & SQL for operation.
- ✓ MYSQL WORKBENCH FOR CREATING TABLES AND LOCALHOST.
- ✓ XAMPP FOR CREATING VIRTUAL SERVER AND INTERNET BROWSER.

PHP was our main backend language where we written sql queries to access the data from mysql workbench.

Why php and mysql database for backend?

- ➔ PHP and MySQL are the most popular open source database and scripting language.
- ➔ PHP is a server-side scripting language; hence it creates significant dynamic pages with customized features.
- ➔ One of the main benefits of using PHP and MySQL is, it provides an interactive, user-friendly website
- ➔ It also facilitates visitors to openly interact while producing a genuinely dynamic and flexible content.
- ➔ PHP is very easy to learn as compared to the other programming languages and it can be easily customized as per the specific business needs of the clients.
- ➔ PHP Mysql development offers fastest and economic web development solutions for creating dynamic web applications
- ➔ . Building and maintaining a dynamic website with PHP MySQL development is an easy task and also support easy upgradation and edition.

Some important backend codes are shown below.

To view bookings of a user:

```
<?php
    $umail = $_SESSION['details']['email'];
    $query=" SELECT * from booking_form where email = '$umail'";
    $data=mysqli_query($conn,$query);
    $result = mysqli_num_rows($data);
    if($result){
        while($row=mysqli_fetch_array($data)){
            ?>
            <tr>
            <td><?php echo $row['name']?></br></td>
            <td><?php echo $row['No_of_people']?></td>
            <td><?php echo $row['select_package']?></td>
            <td><?php echo $row['email']?></td>

            <td><a onclick="return confirm('Are you sure, you want to delete?')"
            href="delete.php?id=<?php echo $row['id']?>">Cancel</a></td>
        </tr>
    <?php
    }
}
?>
```

The above code is written in php for viewing the bookings done by a user.

To book a package:

```
<?php
@include 'config.php';

if(isset($_POST['submit'])){

    $name = ($_POST['name']);
    $No_of_people = ($_POST['No_of_people']);
    $departure_date = date('Y-m-d',strtotime($_POST['departure']));
    $select_package = ($_POST['select_package']);
    $email = ($_POST['email']);
    $language_preferred = ($_POST['language_preferred']);

    $insert = "INSERT INTO
booking_form(name,No_of_people,departure_date,select_package,email,language_preferred)
VALUES('$name','$No_of_people','$departure_date','$select_package','$email','$language_preferred')";
    mysqli_query($conn, $insert);
    header('location:user_page.php');

};

?>
```

The above code is used in booking a package which is written in php.

CONCLUSION:

So, this Tourism database management system provides better interface for customers who are in search of best deals. Our tourism website manages details of tour, packages, customer, facilities in a good way and give good experience to user.

GitHub link:

https://github.com/Abhichand2003/Tour_website

ABOUT US



Vishal Naik Dharavath

Web Programmer
Computer Science and Engineering
IIT INDORE
cse210001014@iiti.ac.in
contact: 6309933763



Abhichand Manchala

Web Programmer
Computer Science and Engineering
IIT INDORE
cse210001039@iiti.ac.in
contact: 6309933763

