

**Synopsis**

**On**

**“Braj Tour & Travels”**

*Submitted*

*In partial fulfillment for the award of the Degree of*

**BACHELOR OF ENGINEERING**

**IN**

**COMPUTER SCIENCE & ENGINEERING**

Submitted to

**RAJIV GANDHI PROUDYOGIKI**

**VISHWAVIDYALAYA BHOPAL (M.P.)**



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BANMORE –476444 (M.P) NOVEMBER, 2019**

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## **CANDIDATE DECLARATION**

We hereby declare that the work presented in this project entitled **“BraJ Tour&Travels”** in partial fulfillment for the award of the degree of **Bachelor of Engineering in Computer Science and Engineering** is a record of our own work carried out under the guidance of Prof. Nitesh Bharot, Professor in Department of Computer Science & Engineering, SRCEM Banmore, Morena (M.P.). We have not submitted the matter presented in this project report for any other degree or diploma.

Somya Tyagi

Enrollment No: 0904CS161033

Date : 04/11/2019

ShriRam College of Engineering & Management, National  
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## **Introduction**

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The Braj Tour & Travels is a website. The main purpose of “Braj Tour & Travels” is to provide a convenient way for a customer to buy a package for tour purposes. The objective of this project is to develop a website that provides a facility for customers to travel to Mathura at the cheapest price. In this project, We will give packages to customers. In the present system, a customer has to approach various agencies to find details of places and to book tickets. This often requires a lot of time and effort. We provide approach skills to critically examine how a tourist visits and its ability to operate in an appropriate way when dealing with the consequences of tourism, locally, regionally, and nationally including visitor security. It is tedious for a customer to plan a particular journey and have it executed properly. The project ‘Braj Tours and Travels’ is developed to replace the currently existing system, which helps in keeping records of the customer details of destination as well as payment received.

## I. REQUIREMENT ANALYSIS

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### Scope

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The Braj Tour & Travels is an integrated software developed for tour operating companies. The main aim of this project is to help tourism companies to manage their customers, vehicles, and agent. It makes all operations of the tour company easy and accurate. The standalone platform makes tourism management easy by handling agencies' requests and providing servers for customers located in different parts of the various cities. Different modules have been incorporated into this project to handle different parts and sectors of the tour management field.

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### Objectives

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The Braj Tour & Travels is a web-based application that 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 traveling and sightseeing.

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### Project Outcomes

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There are some objectives or outcomes has each project. So, my Project has some outcomes or objectives. These objectives are given below briefly.

- This System will provide to connect directly with Customers and agents through the internet.
- This System provides facilities to modify and delete tourist data as well as client data.
- This System provide a feedback mechanism for tourist.
- This System provides some social media links.
- This System provide information about the Inbound and Outbound Tour Packages.
- This System maintain & control the database of tourists' information.
- This System display attractive tourist places.
- This System give a variety of travel services that will be sure to match all your priorities.

- This System help to make strong relationship with customers so that they can enjoy that holiday of their dreams
- This System also helps to develop tourism with different cultures so that they enrich the tourists experience and build pride.
- This System will provide display platform in where a tourist can find their tour places according to their choices.

Finally, I can say that This System will provide easy and efficient work for the agency.

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### **Problem in The Existing System**

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The present systems are inadequate in providing information and advices to the agencies and customers about tour plans. Often agencies are compelled to rely on local information sources and count on their own experience regarding time and cost. Through phone call they have to get information. There are some problems which are existing in my System those are given below concisely.

- There will be many users visiting the portal and hence we require a strong and reliable frontend which can withhold the users on our site.
- We need a strong Database whereas data will be store of everyone.

## II. ANALYSIS PHASE

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### Requirement Analysis

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The Braj Tour & Travels System is a web-based application. The main purpose of the “Braj Tour & Travel” is to provide a convenient and easy way for a customer to book hotels, flights, trains, and buses for tour purposes. To run this System, Software and Hardware Requirements are necessary. Requirements that are needed are given below briefly.

#### Hardware Requirements:

- Processor – Pentium IV or higher, (PIV-300GHz recommended)
- RAM- 256 MB
- 1 Gb hard free drive space

#### Software Requirements:

- Operating System – Windows.
- Runtime Environment – Net Framework 4.5
- Frond End – PHP, HTML, CSS, JavaScript.
- Back End – MySQL
- Editor Tools – MS Word 97 or later
- Web Browser – Google Chrome, Mozilla, or any compatible update browser.

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### Project Develop Languages

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There are two kinds of languages have used in “Braj Tour & Travels”. One is Programming Language and the other is Database Language. Front End, I have used PHP, JavaScript, HTML, CSS & Back End, I have used MySQL Database Language in my “Braj Tour & Travels” website.

- ❖ **Programming Language & Markup Language:** PHP, JavaScript, HTML
- ❖ **Color Script Language:** CSS
- ❖ **Database Language:** MySQL



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## Why I used to Develop the above Languages

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❖ **JavaScript:**

This language helps to make dynamic Website. I have used JavaScript at home page for “Slideshow & Time”.

❖ **PHP:**

This language helps to develop logical function in Website. I have used PHP in different section for creating function such as “Database Connection”, “Admin/User Login Validation”, “Data Insert, Update, Retrieve and Delete”.

❖ **HTML:** This is markup script Language for creating web page. I have used it different section in my “Tour Management System” Such as for making “Header & Footer” in home page. Inbound and Outbound Title’s information.

❖ **CSS:** Cascading Style Sheet is a Style sheet language that mostly used to design website. I have used this style sheet language in different section at my project. Such as “Admin Panel” Design, Home Page “Top Navigation Drop Down Bar” design.

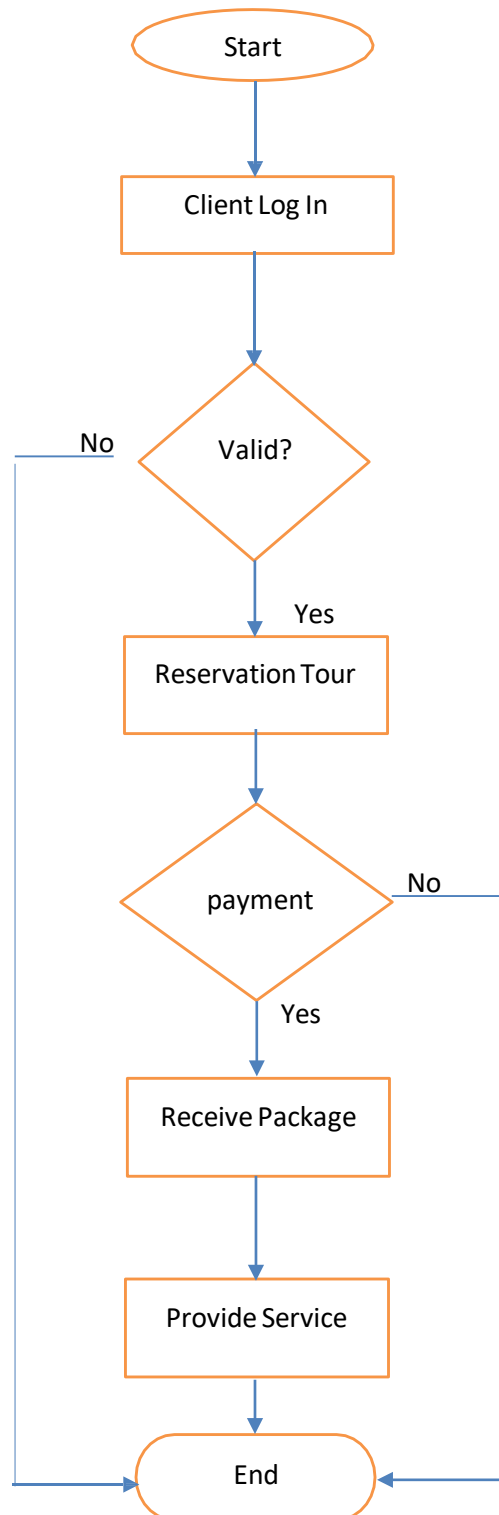
### III. DESIGN PHASE

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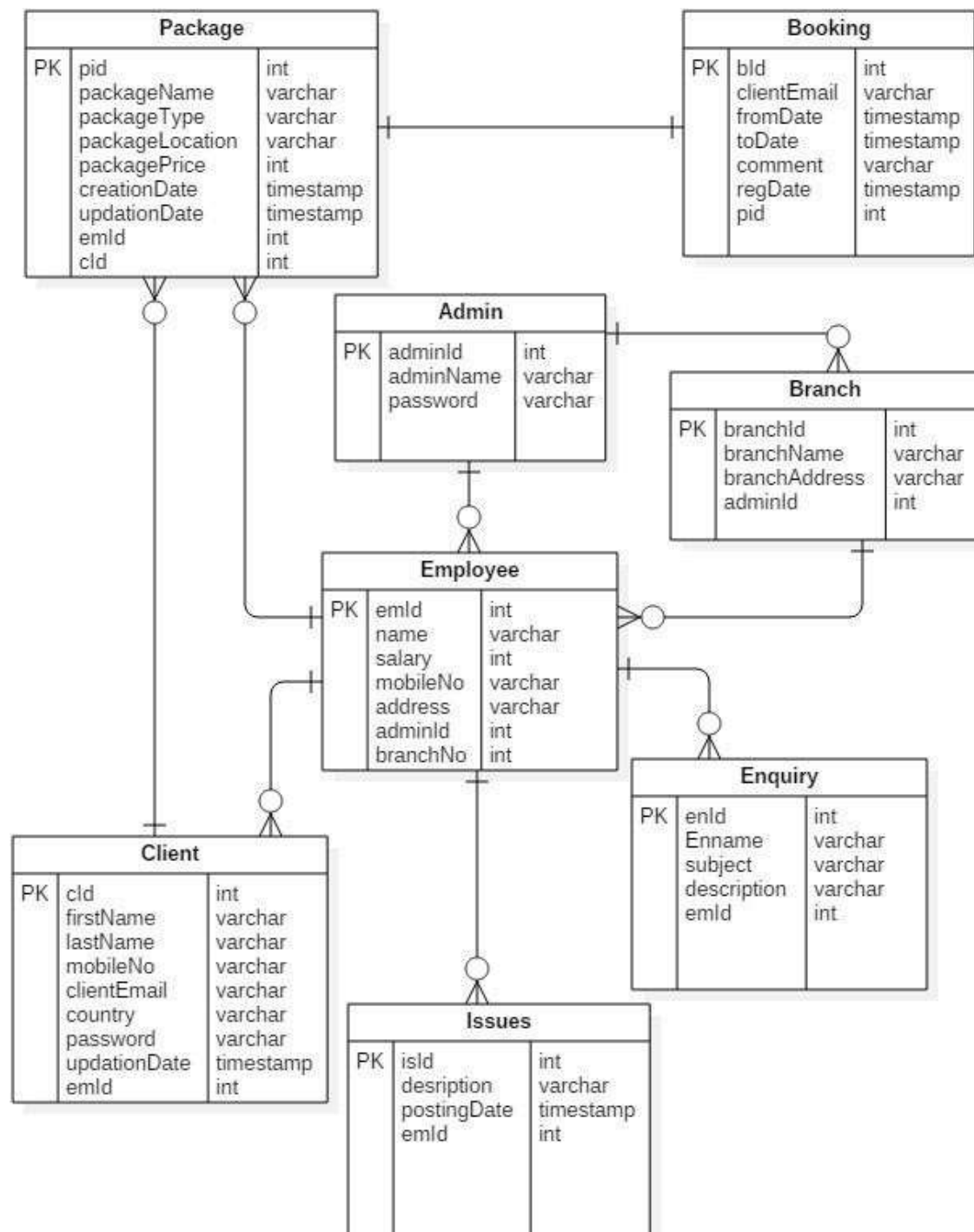
#### Diagrams:

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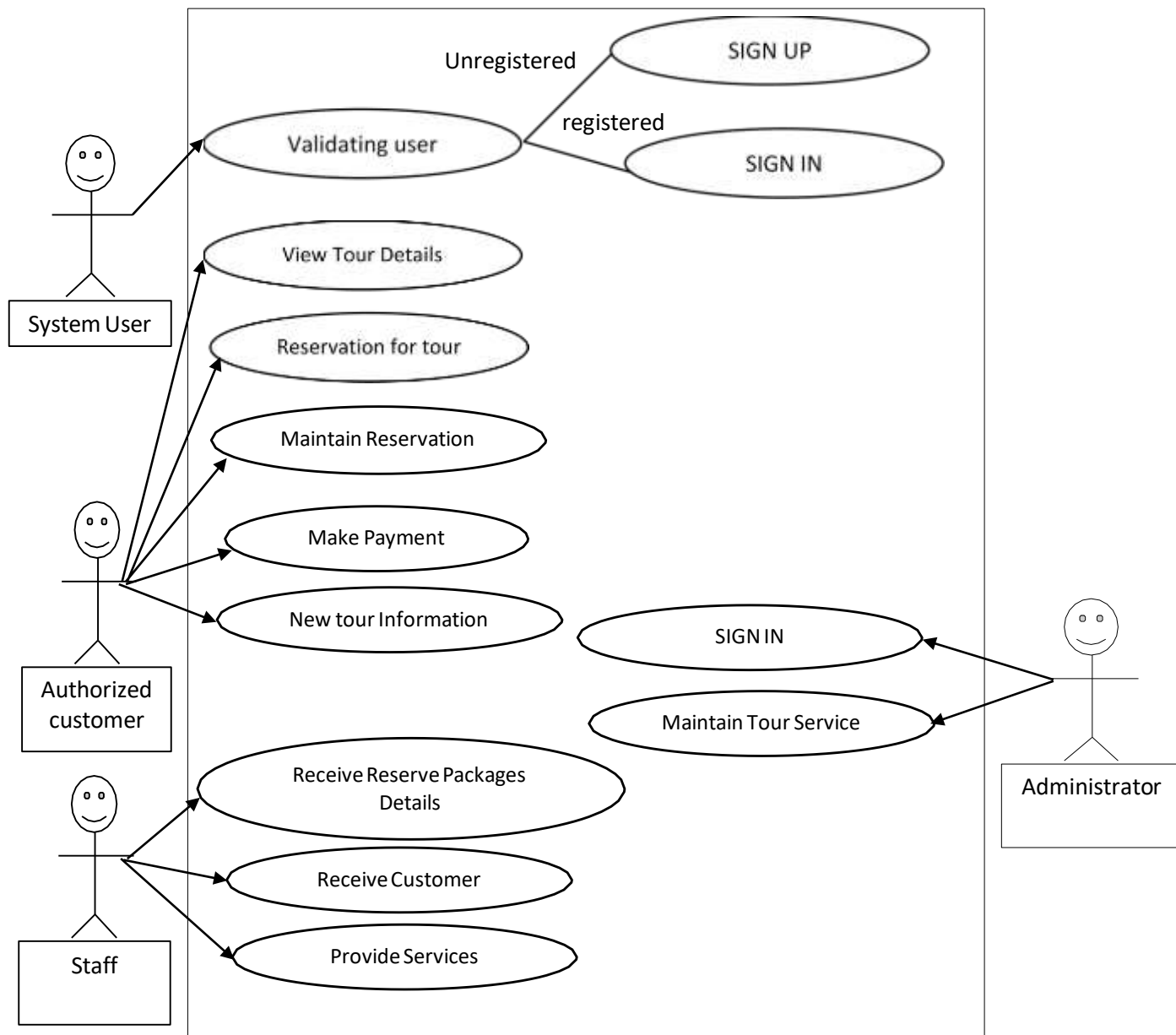
##### Flowchart:



## Class Diagram:



## Use Case Diagram:

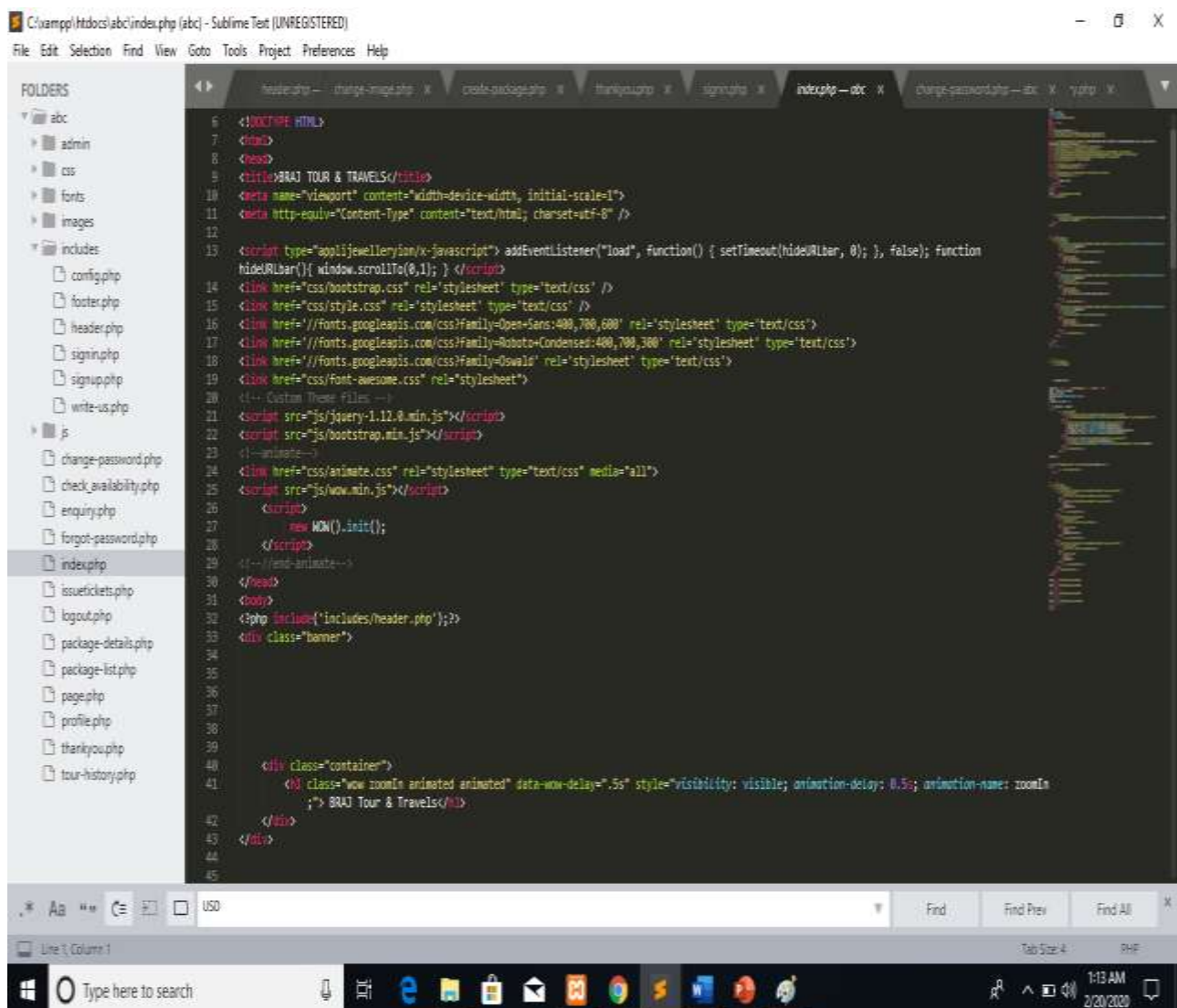


## IV. DEVELOPMENT PHASE

### System's Source code

Every Web application-based System has source codes. There are Some Source codes of my “BRAJ Tour & Travels” are given below with an explanation.

❖ “index.php” source codes:



The screenshot displays the Sublime Text editor interface with the file 'index.php' open. The left sidebar shows a project structure with folders 'abc', 'admin', 'css', 'fonts', 'images', and 'includes'. The 'includes' folder is expanded, listing files like 'config.php', 'footer.php', 'header.php', 'signin.php', 'signup.php', 'write-us.php', and a 'js' folder. The main editor area shows the PHP code for 'index.php', which includes HTML boilerplate, meta tags for the title 'BRAJ TOUR & TRAVELS', viewport settings, and various CSS and JavaScript links. It also includes a PHP include statement for 'header.php' and a container div for the main content area.

```
6 <!DOCTYPE HTML>
7 <html>
8 <head>
9 <title>BRAJ TOUR & TRAVELS</title>
10 <meta name="viewport" content="width=device-width, initial-scale=1">
11 <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
12
13 <script type="applijewellerysan/x-javascript"> addEventListener("load", function() { setTimeout(hideURLbar, 0); }, false); function
hideURLbar(){ window.scrollTo(0,1); } </script>
14 <link href="css/bootstrap.css" rel="stylesheet" type="text/css" />
15 <link href="css/style.css" rel="stylesheet" type="text/css" />
16 <link href="//fonts.googleapis.com/css?family=Open+Sans:400,700,600" rel="stylesheet" type="text/css">
17 <link href="//fonts.googleapis.com/css?family=Roboto+Condensed:400,700,300" rel="stylesheet" type="text/css">
18 <link href="//fonts.googleapis.com/css?family=Oswald" rel="stylesheet" type="text/css">
19 <link href="css/font-awesome.css" rel="stylesheet">
20 <!-- Custom Theme Files -->
21 <script src="js/jquery-1.11.0.min.js"></script>
22 <script src="js/bootstrap.min.js"></script>
23 <!--animate-->
24 <link href="css/animate.css" rel="stylesheet" type="text/css" media="all">
25 <script src="js/wow.min.js"></script>
26 <script>
27     new WOW().init();
28 </script>
29 <!--/end-animate-->
30 </head>
31 <body>
32 <php include("includes/header.php");>
33 <div class="banner">
34
35
36
37
38
39
40
41 <div class="container">
42 <div class="wow zoomIn animated animated" data-wow-delay=".5s" style="visibility: visible; animation-delay: 0.5s; animation-name: zoomIn">
43 <h1> BRAJ Tour & Travels</h1>
44
45 </div>
46 </div>
```

## ❖ “LOGIN CODE”:

The screenshot shows a Sublime Text editor window titled "C:\xampp\htdocs\abc\includes\signin.php (abc) - Sublime Text (UNREGISTERED)". The editor displays a PHP script for user login. The script starts with session management and checks if the 'signin' button was pressed. It then retrieves email and password from the POST data and performs a database query to verify the credentials. If the login is successful, it sets a session variable and redirects the user to 'package-list.php'. If the details are invalid, it shows an alert. The script concludes with an HTML modal box for displaying the login form.

```
1 <?php
2 session_start();
3 if(isset($_POST['signin']))
4 {
5     $email=$_POST['email'];
6     $password=mysqli($_POST['password']);
7     $sql = "SELECT EmailId,Password FROM tblusers WHERE EmailId=:email and Password=:password";
8     $query= $dbh->prepare($sql);
9     $query->bindParam(':email', $email, PDO::PARAM_STR);
10    $query->bindParam(':password', $password, PDO::PARAM_STR);
11    $query->execute();
12    $results=$query->fetchAll(PDO::FETCH_OBJ);
13    if($query->rowCount() > 0)
14    {
15        $_SESSION['login']=$_POST['email'];
16        echo "<script type='text/javascript'> document.location = 'package-list.php'; </script>";
17    } else{
18
19        echo "<script>alert('Invalid Details');</script>";
20    }
21 }
22 }
23 }
24 }
25 }
26 }
27 <div class="modal fade" id="myModal4" tabindex="-1" role="dialog" aria-labelledby="myModalLabel">
28     <div class="modal-dialog" role="document">
29         <div class="modal-content modal-info">
30             <div class="modal-header">
31                 <button type="button" class="close" data-dismiss="modal" aria-label="Close"><span aria-hidden="true"></span></button>
32             </div>
33             <div class="modal-body modal-sps">
34                 <div class="login-grids">
35                     <div class="login">
36                         <div class="login-left">
37                             <div>
38                                 <li><a class="fb" href="#"></a></li></div>Facebook</li>
39                                 <li><a class="gog" href="#"></a></li></div>Google</li>
40                             </div>
41                         </div>
```

## V. TESTING PHASE

### System's Screen shot

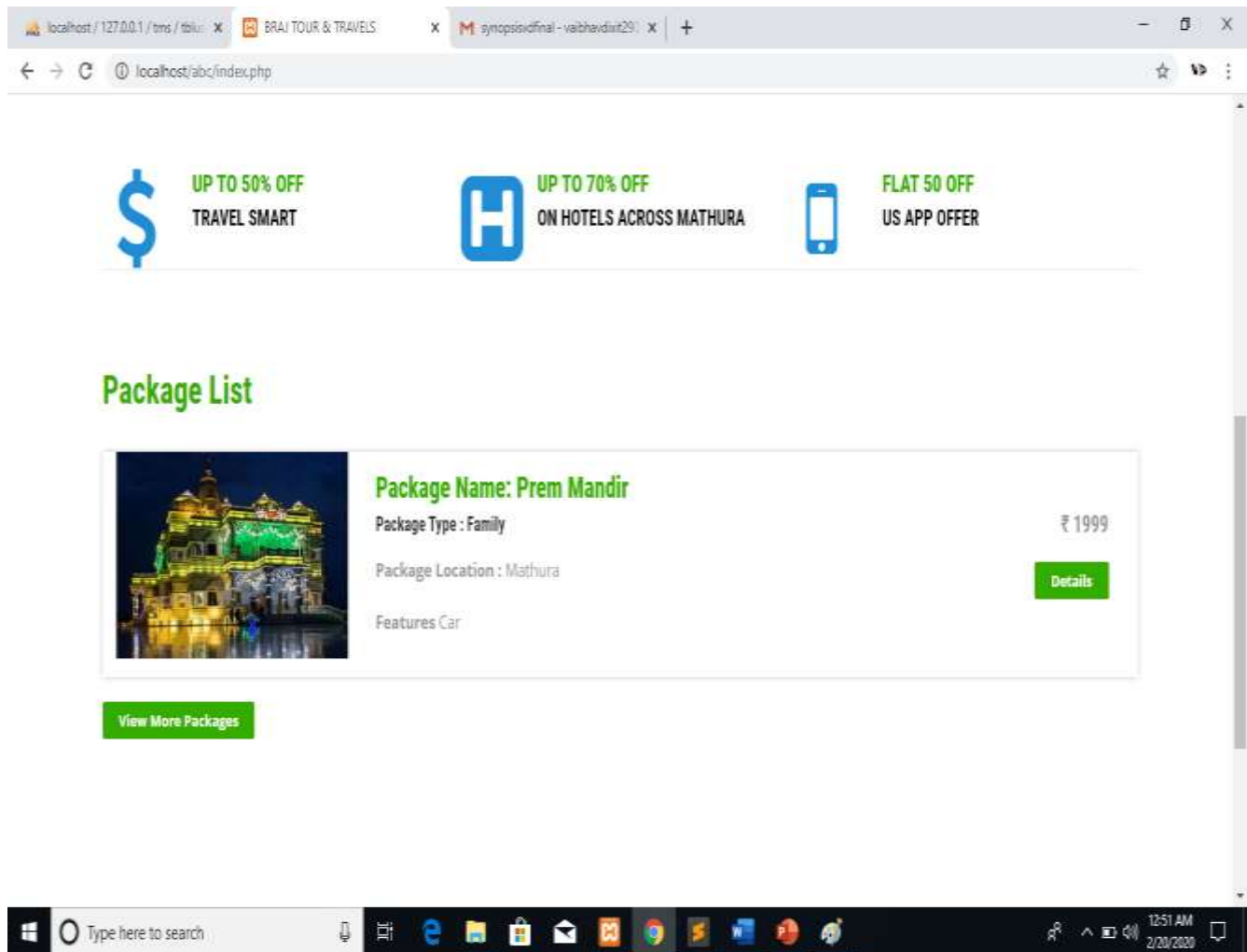
There is some Screen Shoot Interface of my “ Braj Tour & Travels ” are given below.

#### ❖ ‘HOME’ Page



This is the home page of ‘Braj Tour & Travels’ Client can launch from this page.

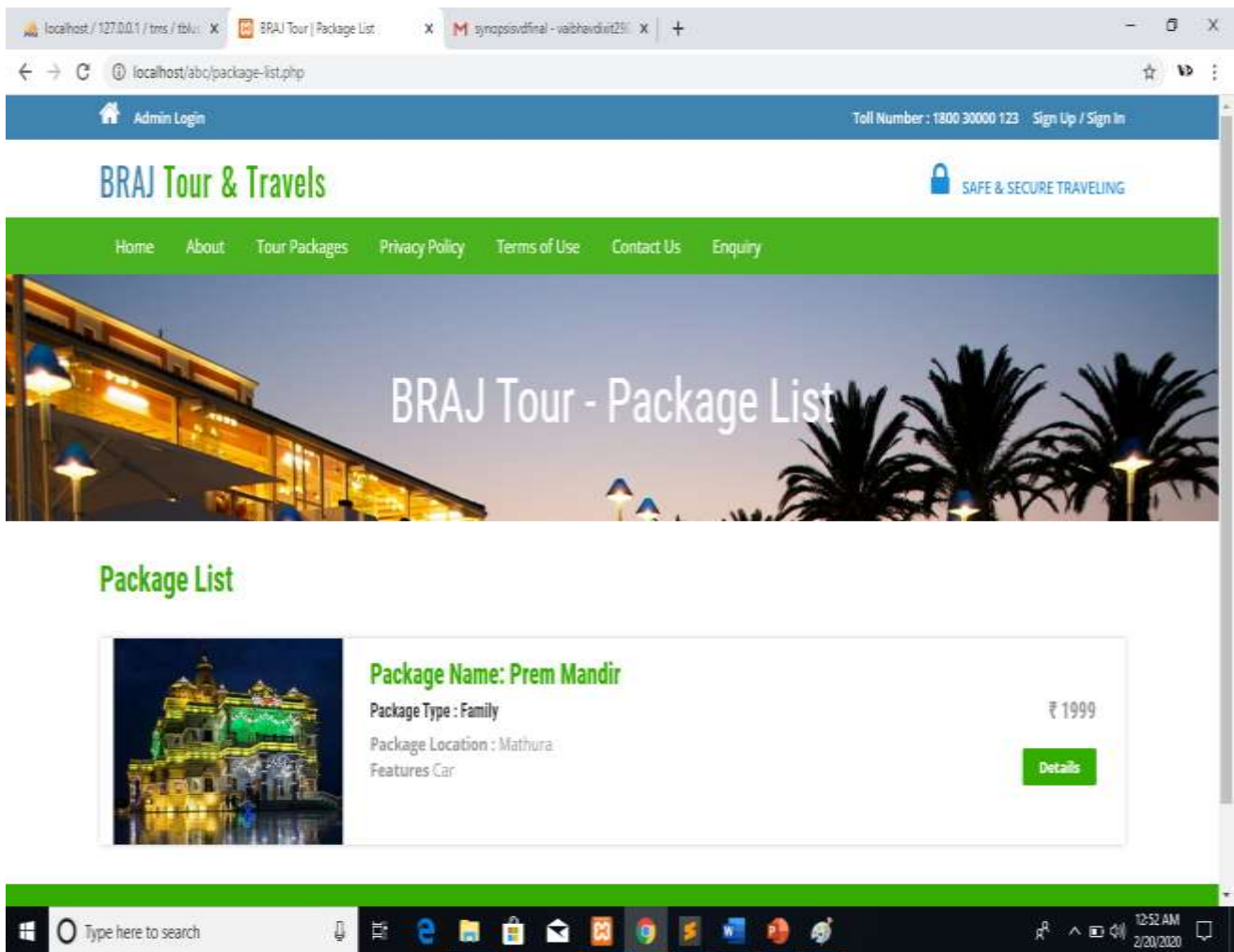
## ❖ Package' Page



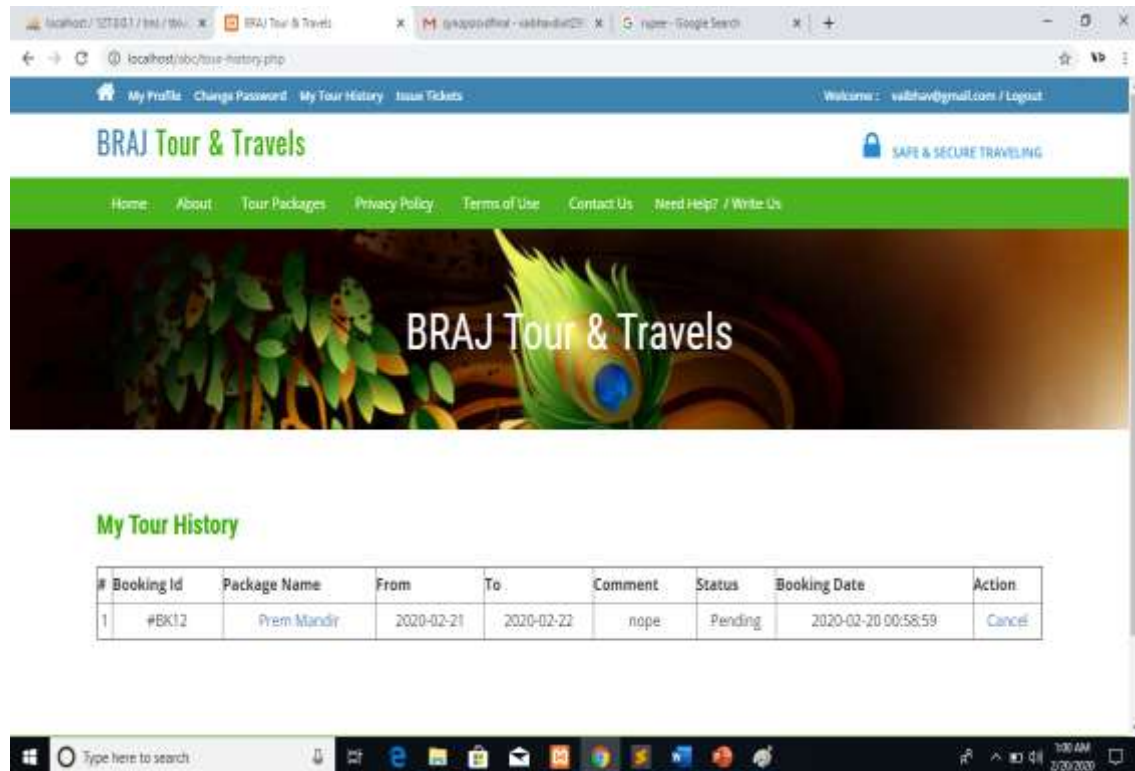
These are the tour spots



## ❖ Package List Overview



## ❖ BOOKING Page



The screenshot shows a web browser displaying the 'BRAJ Tour & Travels' website. The page has a blue header with navigation links: 'My Profile', 'Change Password', 'My Tour History', and 'Issue Tickets'. The user is logged in as 'valshav@gmail.com'. Below the header is a green banner with the company logo and a peacock. The main content area is titled 'My Tour History' and contains a table with the following data:

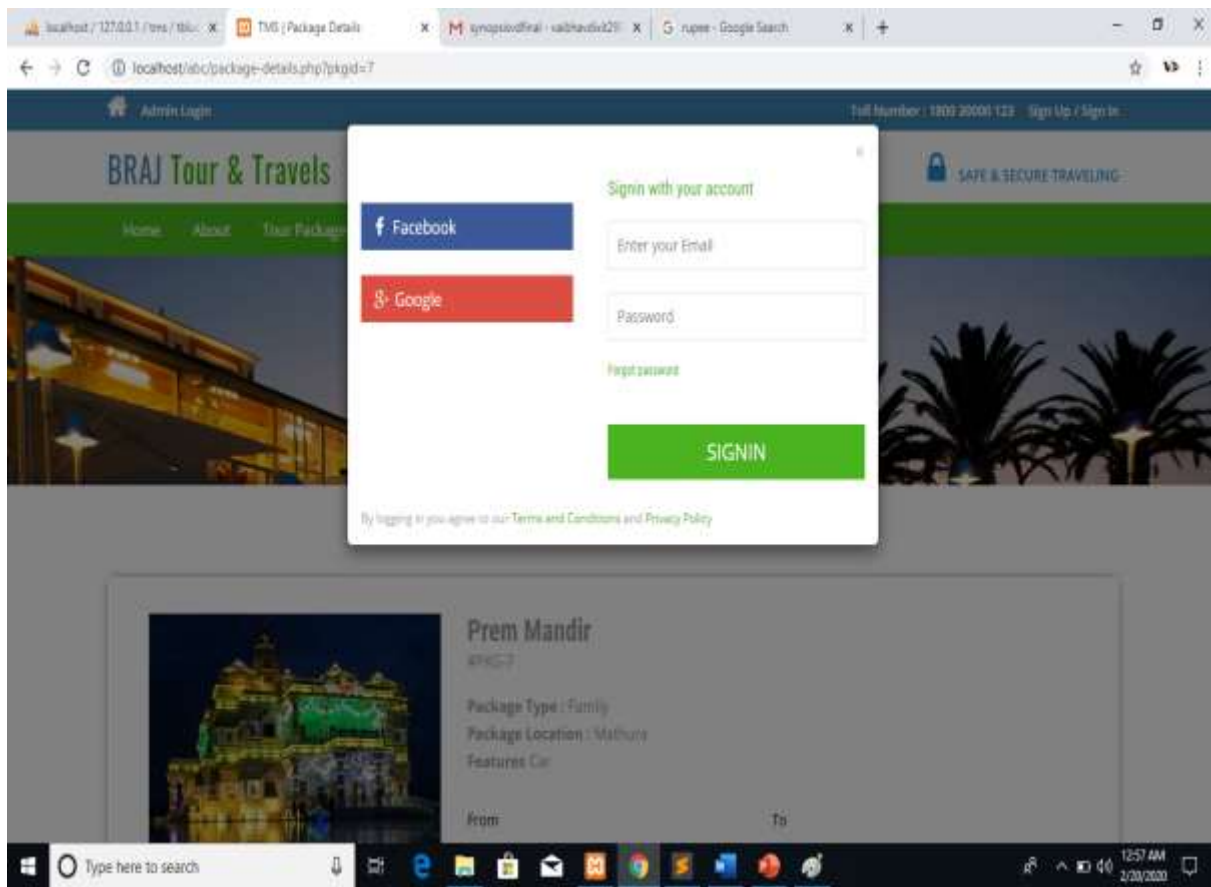
#	Booking Id	Package Name	From	To	Comment	Status	Booking Date	Action
1	#BK12	Prem Mandir	2020-02-21	2020-02-22	nope	Pending	2020-02-20 00:58:59	<a href="#">Cancel</a>

You can do a booking on this page.

## ❖ Registration Form Page

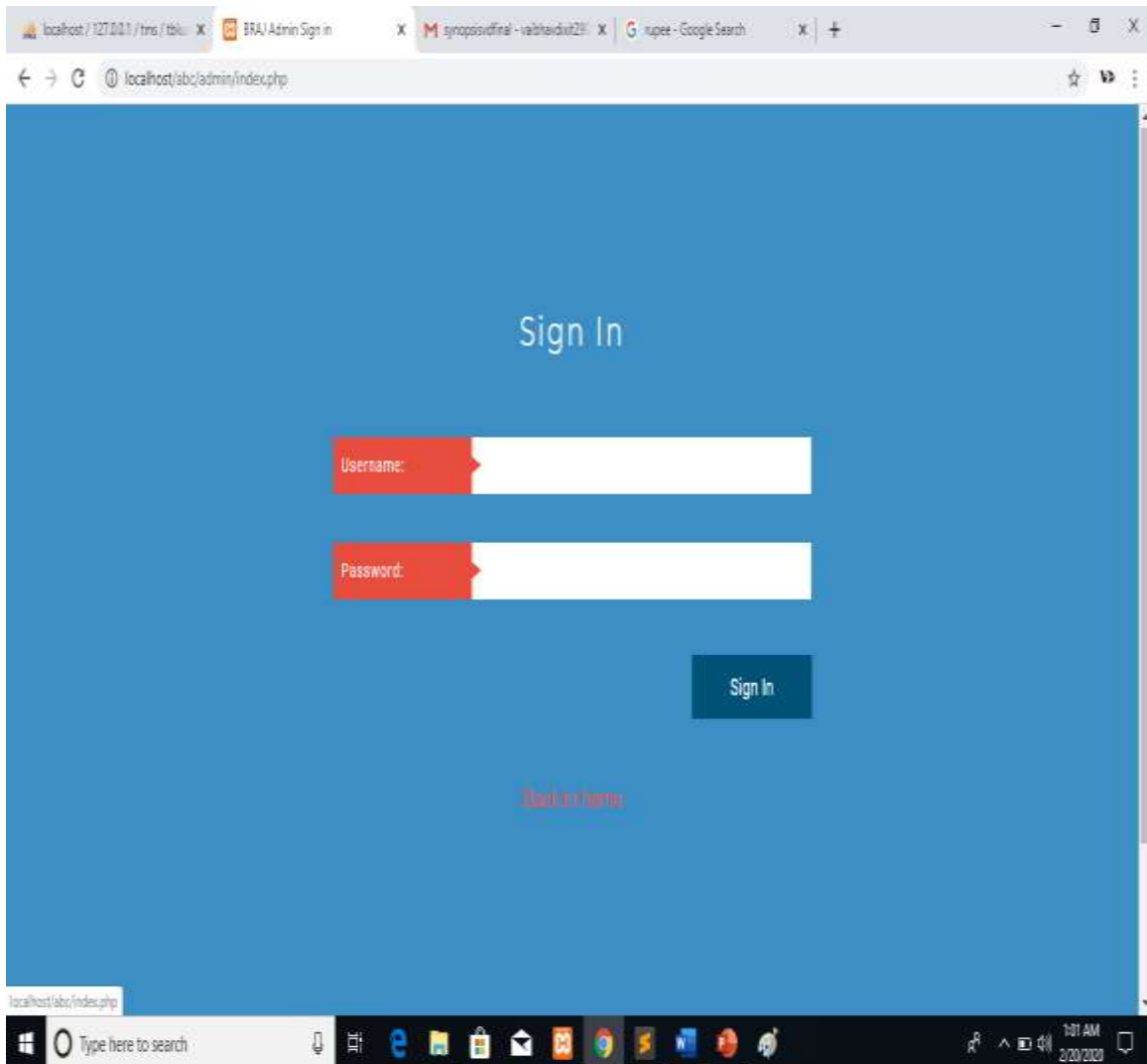
The screenshot displays a web browser window with multiple tabs. The active tab is 'TMS | Package Details'. The browser address bar shows 'localhost/abc/package-details.php?pkgid=7'. The website header includes 'Admin Login', 'Toll Number : 1800 20000 123', and 'Sign Up / Sign In'. The main header features the 'BRAJ Tour & Travels' logo and navigation links: 'Home', 'About', and 'Tour Packages'. A green banner below the header reads 'SAFE & SECURE TRAVELING'. The central focus is a 'Create your account' modal. This modal contains two social login buttons: 'Facebook' and 'Google'. Below these are four text input fields labeled 'Full Name', 'Mobile number', 'Email id', and 'Password'. A prominent green 'CREATE ACCOUNT' button is positioned at the bottom of the modal. A small text line at the bottom of the modal states: 'By logging in you agree to our Terms and Conditions and Privacy Policy'. The background of the page shows a tour package titled 'Prem Mahal' with details like 'Package Type : Family', 'Package Location : Mathura', and 'Features Car'. The Windows taskbar at the bottom shows the search bar and various application icons, with the system clock indicating '12:56 AM 2/20/2020'.

## ❖ USER LOGIN Page



At first, the user creates an account and then can log in with a user form.

## ❖ ADMIN LOGIN FORM' Page



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## Problem Faced During Development

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I have faced some problems during the development “Tour Management” Web-based Application. Some Problems are given below briefly.

- I. Requirement Gathering Phase:** It is very important step. If the requirements are not good, the project will fail. At that time, I became disappointed when I was collecting information and data then what information and data will be helpful or appropriate for this project.
- II. During Design Phase:** In this time. I was confused for drawing Flowchart because which flowchart will become better for this project.
- III. Development Phase:** It is a critical part of the project. At this time, I have mistaken semicolon (;) at the end of statement.
- IV. Testing Phase:** It is necessary part of the project. This part will help to test the whole project. In this time, I have face some bugs of the project.

## VI. DEVELOPMENT & MAINTENANCE PHASE

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### **Future Development**

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Future Development is very important for each project because It includes the latest features in the System. It reduces software bugs and problems. It creates strong relationships with customers according to their feedback or choices. I will integrate some dynamic features in my Braj Tour & Travels which features may integrate these are explained briefly.

- Reporting module with a real-time mechanism.
- Latest design structure with a seamless flow.
- E-mail & Mobile Confirmation System.
- Online booking System.
- Online payment system.

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## **Conclusion**

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Tourism is currently recognized as a global industry that is highly growing at a high rate like other industries. There are many different activities are occurring in tour activities. My 'Braj Tour & Travels' web-based application helps in the online distribution of tour packages, hotels, hotel properties, transfers, etc. This 'Braj Tour & Travels ' can be fully customized with the integration of different APIs. It has a friendly environment that connects customers willingly.

Finally, I can say that this Web Based Application will help tour manager to control and handle tour-related activities effectively and efficiently.



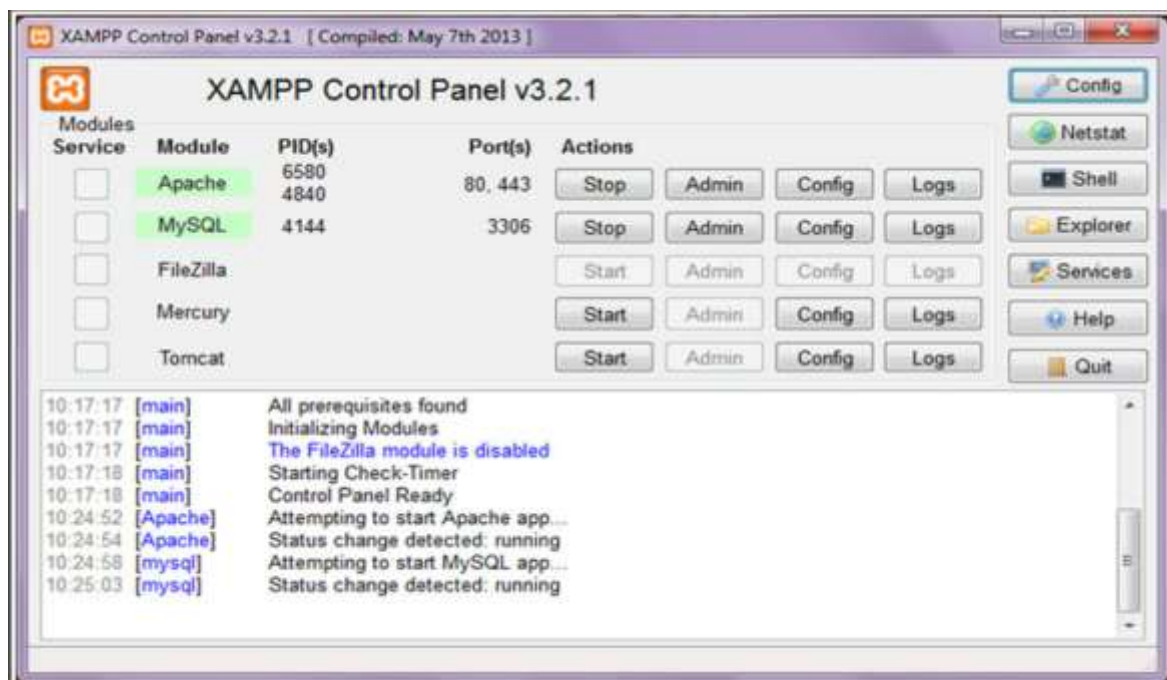
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## Steps to run 'Braj Tour & Travels' in your system:-

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### Steps to install XAMPP on Windows:

- In the web browser, visit [Apache Friends](#) and download the XAMPP installer.
- During the installation process, select the required components like MySQL, FileZilla ftp server, PHP, and phpMyAdmin or leave the default options and click the **Next** button.
- Choose the root directory path to set up the *htdocs* folder for our applications. For example 'C:\xampp'.
- After the installation process, click the **Finish** button of the XAMPP Setup wizard.
- To start Apache and MySQL, just click on the **Start** button on the control panel.



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## Steps to run 'Braj Tour & Travels' in your system:-

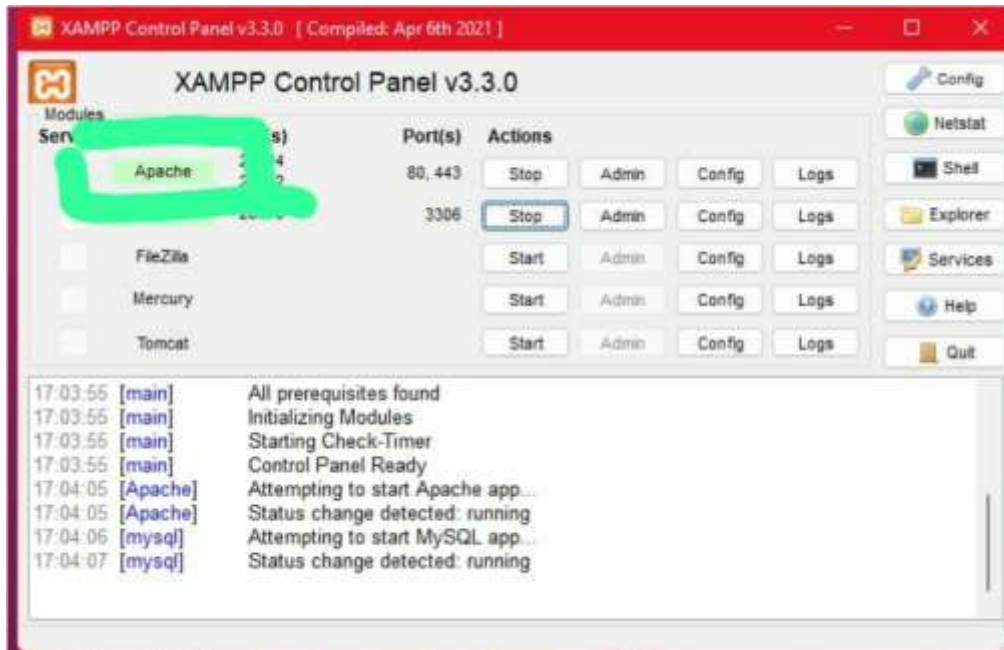
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### Steps to download and install MySQL:

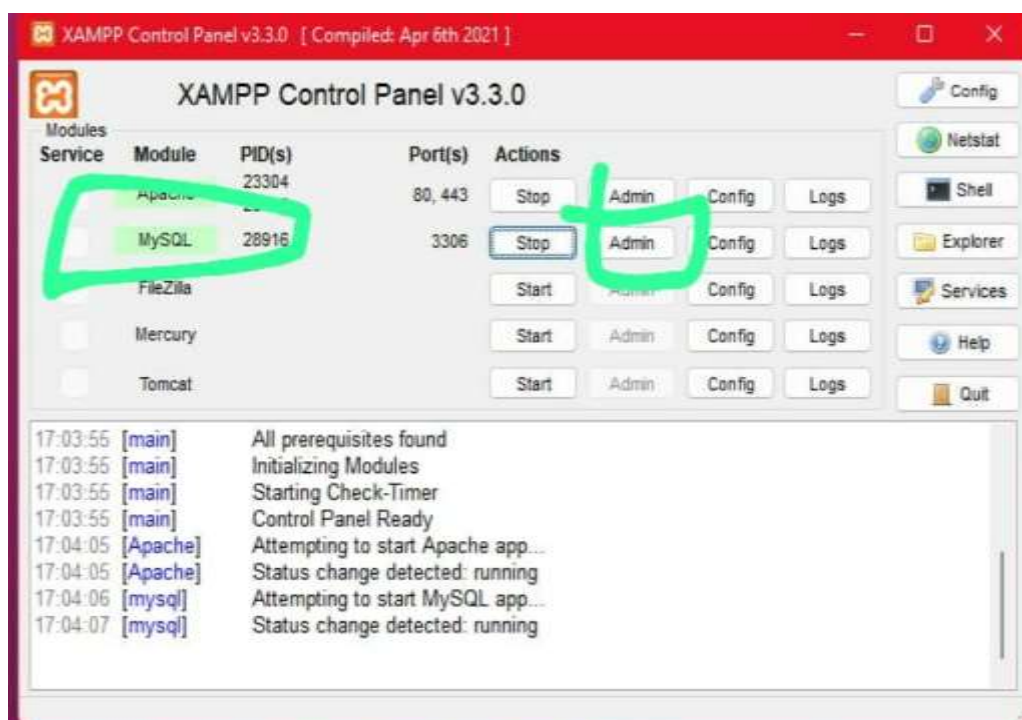
- Go to the [official website](#) of MySQL and download the community server edition software.
- After downloading the setup, unzip it anywhere and double-click the MSI **installer .exe file**.
- Once we click on the Execute button, it will download and install all the products.
- We need to configure the MySQL Server and Router.
- Choose the Standalone MySQL Server/Classic MySQL Replication option and click on Next. Here, you can also choose the InnoDB Cluster based on your needs.
- The system will ask you to choose the Config Type and other connectivity options.
- Select the Authentication Method and mention the MySQL Root Password.
- Once the configuration has been completed, complete the MySQL package installation.
- Configure the Router and then Connect to the Server option.
- Verify MySQL Installation.

## Steps to run 'Braj Tour & Travels' in your system:-

- Open the Xampp shortcut icon and run SQL and apache server.



- Open the Xampp folder in Os then open the htdocs folder then paste the braj folder [project] in that.



- Now copy the Database in SQL, and follow the steps:
  1. Click on MySQL on Xampp then click on admin.[from the above] then click new on the left pane then click database.
  2. Create a new Database with the name tms.
  3. Import the database by selecting the tms folder provided in the attachment.

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## References

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