

A Project Report on
TOURISM MANAGEMENT SYSTEM

Submitted by

M.MAHESWARI(R161702)
R.GOWTHAMI(R171071)
P.SUSEELA(R170152)

Submitted to



Under the supervision of

Mrs.SRAVANI
Assistant Professor

Department of Computer Science and Engineering

As a part of

Partial fulfillment of the degree of Bachelor of
Technology Computer Science and Engineering.

Date: 02-05-2023

CERTIFICATE

This is certify that the project entitled “TOURISM MANAGEMENT SYSTEM”

submitted by

M.MAHESWARI(R161702)

R.GOWTHAMI(R171071)

P.SUSEELA(R170152)

Under our guidance and supervision for the partial fulfillment for the degree Bachelor of Technology in Computer Science and Engineering during the year of semester -II 2021-2022 at RGUKT, RK VALLEY. To the best of my knowledge, the results embodied in this dissertation work have not been submitted to any University.

Mrs.V.SRAVANI

Project Guide,
Assistant Proffessor,
Computer Science and Engineering,
RGUKT,RK Valley.

Mr.N.Satyanandaram

Head Of The Department,
Assisstant Proffessor,
Computer Science Engineering
RGUKT,RK Valley.

DECLARATION

We hereby declare that this report submitted by us under the guidance and supervision of Mrs.Sravani is a bonafide work. we also declare that it has not been submitted previously in part or in full to this university or other university or institution for the award of any degree or diploma.

Date: 02-05-2023,
Place: RK Valley.

M.MAHESWARI(R161702)

R.GOWTHAMI(R171071)

P.SUSEELA(R170152)

Dept.Of Computer Science and Engineering.

Index

1. TITLE: TRAVEL MANAGEMENT SYSTEM-----	Page-7
2.INTRODUCTION-----	Page-8
2.1.Objective-----	Page-8
2.2Applications-----	Page-9
3. Tools and Technologies used-----	Page-10
3.1: HTML	
3.2:CSS	
3.3:PHP	
3.4:MYSQL	
4. SYSTEM DESIGN-----	Page11-13
4.1: Architecture -----	
4.2: UML Diagrams -----	
4.2.1: Use Case-----	
4.2.2: Entity-Relationship-----	
4.2.3: Activity-----	
4.2.4:Admin DashBoard-----	
5. SYSTEM IMPLEMENTATION-----	Page14-23
6. RESULTS-----	Page-24
6.1: Test Case-----	
7.MODULES-----	Page25-28
Admin Login Page-----	
Packages List-----	
Admin DashBoard-----	
User Registration Page-----	
User Login Page-----	
Report-----	
8. FUTURE SCOPE-----	page-29
9. REFERENCES-----	Page-29
10.CONCLUSION-----	Page-30

Acknowledgement

The success and final outcome of this project required the lot of guidance and assistance from many people and we are extremely privileged to have got a along the completion of our project. All that we have done is only due supervision and assistance and we would not forget to thank them.

We would like to express our sincere gratitude to Mrs. Sravani for valuable suggestions and keen interest throughout the progress of Our course them.

We are grateful to our Mr.N.Satyanandaram HOD CSE, for providing computing facilities and a congenial atmosphere for progressing with our project.

At the outset, We would like to thank Rajiv Gandhi University of Knowledge and Technologies, R.K Valley for providing all the necessary resources the successful completion of our project work.

With Sincere Regards ,

M.MAHESWARI(R161702)

R,GOWTHAMI(R171071)

P.SUSEELA(R171052)

Abstract

This project “TOURISM MANAGEMENT SYSTEM” is used to automate all process of the travel and tourism, which deals with creation, booking and confirmation and user details. The project is designed HTML-PHP as front end and Microsoft SQL Server 2008 as backend which works in any browsers. The coding language used HTML & PHP. Travel and tourism management system is used to book a tour from anywhere in the world by a and tour details in a single website. The admin can add packages to the single dynamic website which will help the user to know all about the places 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 booking page. It is an easiest platform for all travelers which can be easily booked and know the all details.

1. TITLE

Tourism Management System

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 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 book 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 company 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.

2. INTRODUCTION

Travel and Tourism management system is an online project to provide the complete information about the vehicles available for a tour. There are 2 different types of users customer visits the site and enters the place from where to where he wishes to travel also provides the date as when he would like to travel. Then he sends these details to Travel and tourism agency. The employee of travel and tourism agency receives the details to check which vehicle is available for that day and reverts back to the customer along with quotation.

If the customer agrees for any one of the quotations, he can reply back along with agreed quotation. Then the agency will take down all the details of the customer and send a confirmation message to the customer. On the day of the tour, the customer first shows the confirmation message to the driver for clarity and only then he will agree to travel after looking at the confirmation message. This software is user friendly and a finding the vehicle sooner rather than wandering manually everywhere to find for. Before the tour starts, half payment has to be done.

After the customer returns or reaches his final destination, he must pay full amount either through cash or through cards. After travelling the customer can come back and enter his feedback about the travel and tourism agency. If any good feedback will be taken positively and if any negative feedback too will be taken positively and improve what had lacked. The report is also generated periodically and the database is cleared according to the time.

OBJECTIVE

The objective of the Travel and Tourism Management System project is to develop a system that automates the processes and activities of a travel and the purpose is to the system using which one can perform all operations related to traveling .

APPLICATIONS

This application is built such a way that it should suits for all type of blood banks in future. So every effort is taken to implement this project in this blood bank on the implementation in this blood bank, we can target other blood banks in the city.

This application consists following modules:

Administrator module:

This module provides administrator related functionality. Administrator manages information and has access rights to add, delete, edit and view the data related travels, routes, bookings, restaurants etc.

Travels module:

This module provides the details of various travel agencies. A user can select appropriate agency depending on convenience and accessibility.

Routes module:

This module provides information related to various routes connecting sources destinations. For each route, information such as source, destination, fare , reservation pick up points etc are provides. Only administrator can add, delete, edit and manage data. Users can only view the information.

Reservations module:

This module provides functionalities that allow a user to book tickets cancel previous booked tickets. The module maintains the details all reservations made so far and allows administrator to either confirm or reject the bookings.

3. Tools and Technologies Used

FrontEnd : HTML and CSS3

BackEnd : PHP

Database : MySQL

Tool : Xampp

3.1 HTML :



HTML stands for **Hyper Text Markup Language**. HTML is the standard markup language for Web pages. HTML elements are the **building blocks** of the HTML Markup. HTML elements consist of start tag, end tag and content in between them.

3.2 CSS3 :



CSS stands for **Cascading Style Sheets**. It describes how HTML elements are to be displayed on screen, paper, or in other media. CSS saves a lot of work. It can control the layout of multiple web pages all at once.

3.3 PHP:



PHP stands for Hypertext Preprocessor. It is a server side scripting language that is embedded in HTML. It is **used** to manage dynamic content, databases, session tracking, even build entire e-commerce sites. It is integrated with a number of popular databases, including MySQL, PostgreSQL, Oracle, Sybase, Informix, and Microsoft SQL Server.

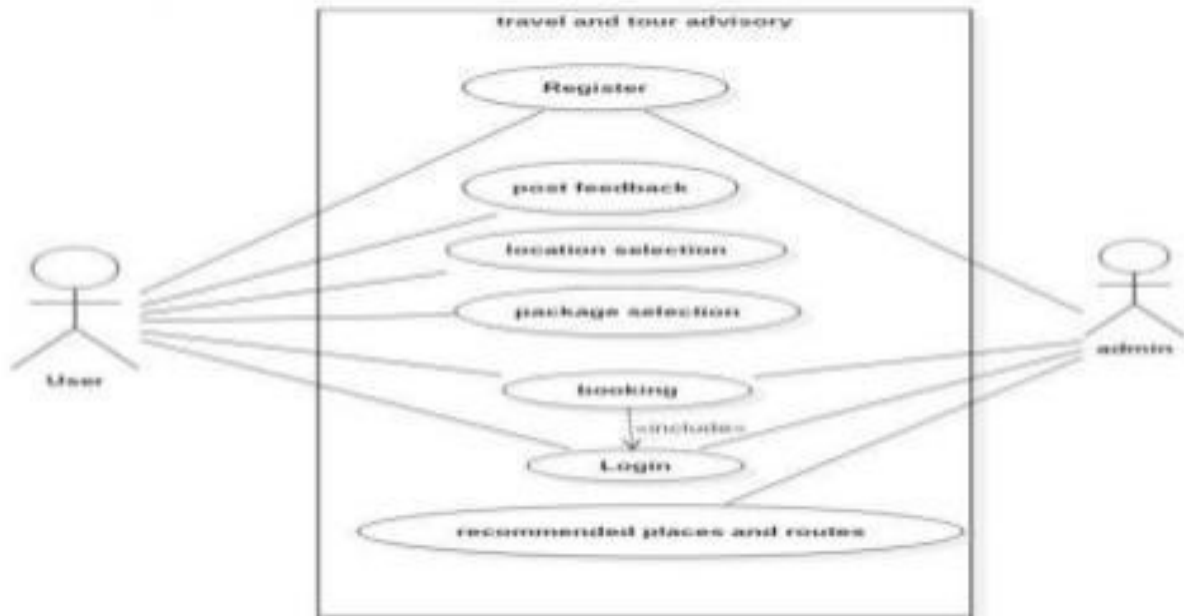
3.4 MYSQL:



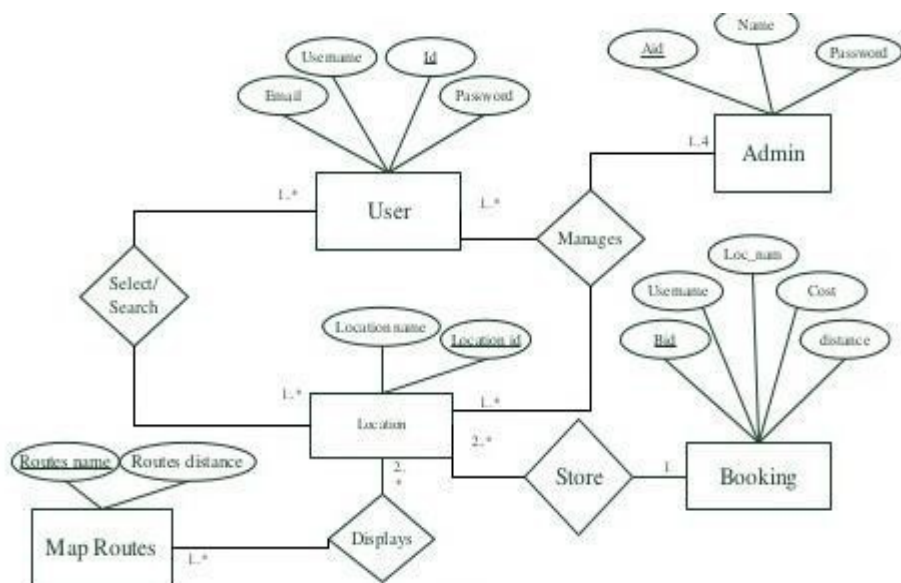
MySQL is a freely available open source Relational Database Management System (RDBMS) that uses Structured Query Language (SQL). SQL is the most popular language for adding, accessing and managing content in a database. **MySQL** is an essential part of almost every open source PHP application.

4.SYSTEM DESIGN

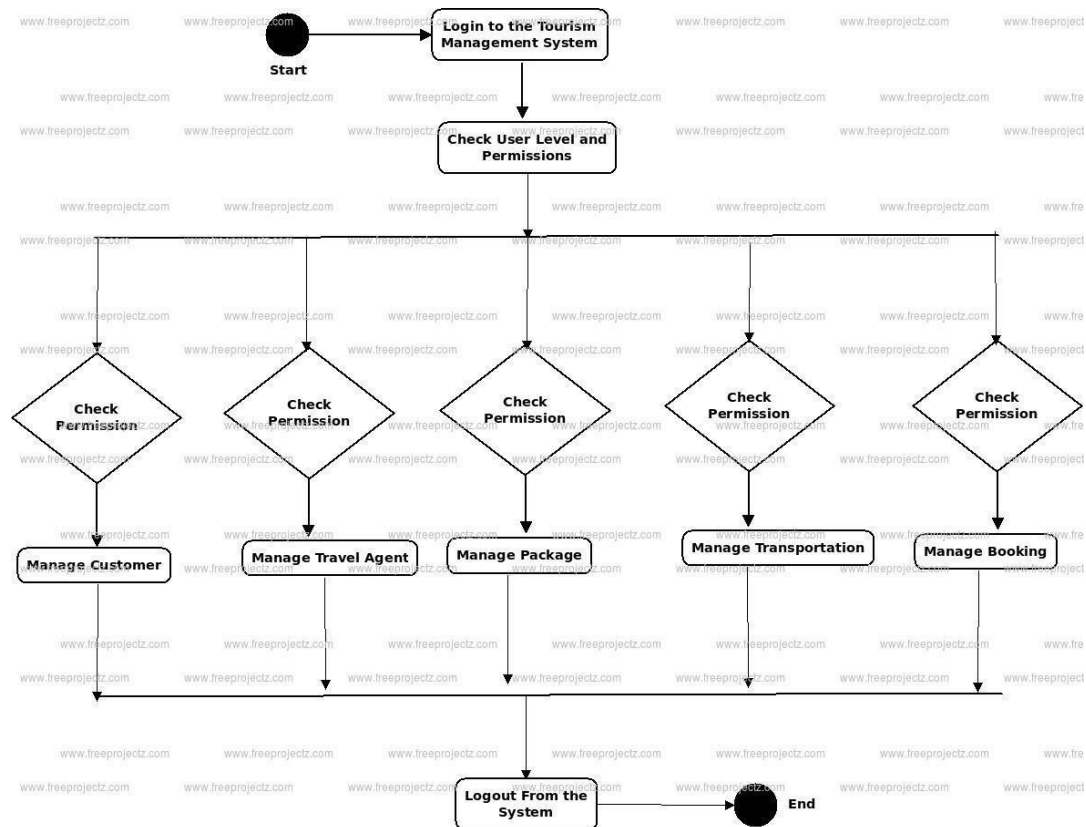
USE Case Diagram:



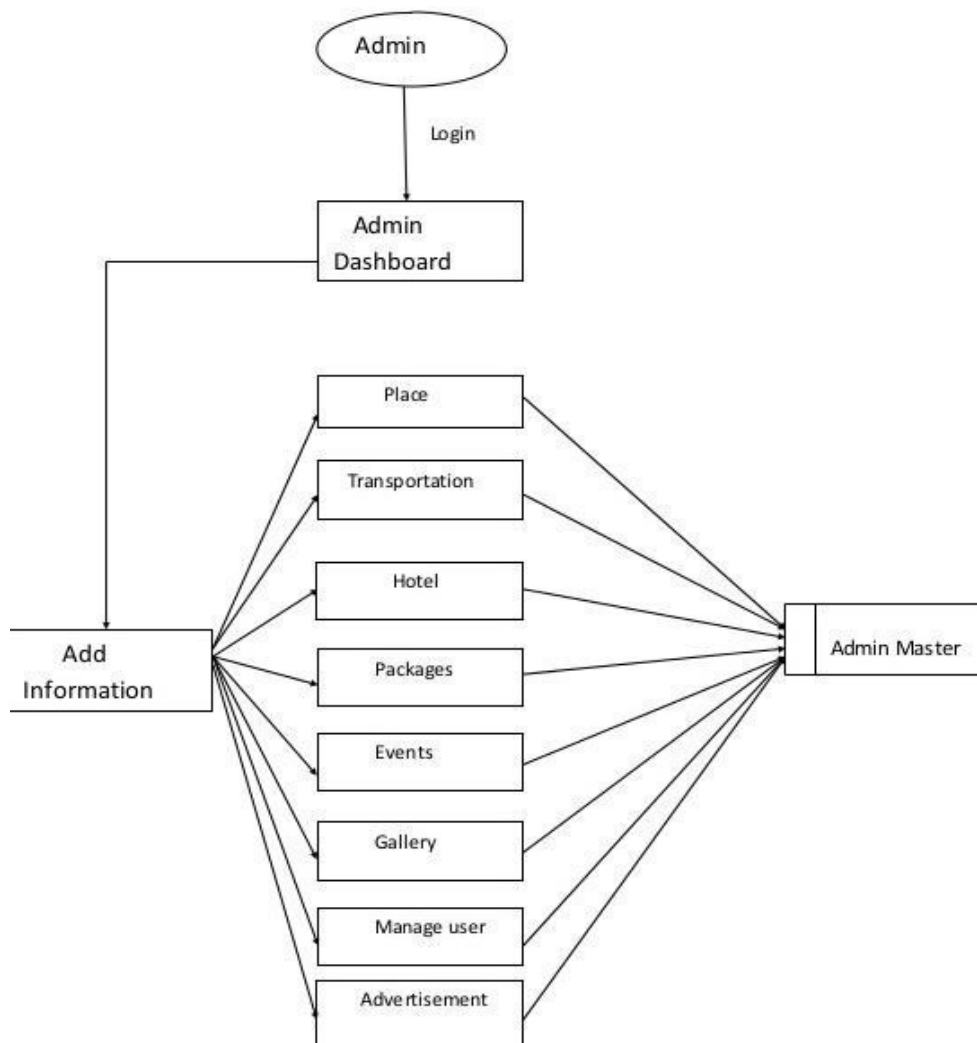
ERDiagram:



Activity Diagram:



Admin DashBoard:



5.SYSTEM IMPLEMENTATION

Codes for Homepage:

```
<?php
session_start();
error_reporting(0);
include('includes/config.php');
?>
<!DOCTYPE HTML>
<html>
<head>
<title>TMS | Tourism Management System</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<script type="applijewelleryion/x-javascript"> addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); } </script>
<link href="css/bootstrap.css" rel='stylesheet' type='text/css' />
<link href="css/style.css" rel='stylesheet' type='text/css' />
<link href="//fonts.googleapis.com/css?family=Open+Sans:400,700,600" rel='stylesheet' type='text/
css'>
<link href="//fonts.googleapis.com/css?family=Roboto+Condensed:400,700,300" rel='stylesheet'
type='text/css'>
<link href="//fonts.googleapis.com/css?family=Oswald" rel='stylesheet' type='text/css'>
<link href="css/font-awesome.css" rel="stylesheet">
<!-- Custom Theme files -->
<script src="js/jquery-1.12.0.min.js"></script>
<script src="js/bootstrap.min.js"></script>
<!--animate-->
12<link href="css/animate.css" rel="stylesheet" type="text/css" media="all">
<script src="js/wow.min.js"></script>
<script>
new WOW().init();
</script>
<!--//end-animate-->
```

```

</head>
<body>
<?php include('includes/header.php');?>
<div class="banner">
<div class="container"><h1 class="wow zoomIn animated animated" data-wow-delay=".5s"
style="visibility: visible;
animation-delay: 0.5s; animation-name: zoomIn;"> TMS - Tourism Management System</h1>
</div>
</div>
<!-- rupees ---->
<div class="container">
<div class="rupees">
<div class="col-md-4 rupees-left wow fadeInDown animated animated" data-wow-delay=".5s"
style="visibility: visible; animation-delay: 0.5s; animation-name: fadeInDown;">
<div class="rup-left">
<a href="offers.html"><i class="fa fa-usd"></i></a>
</div>
<div class="rup-rgt">
<h3>UP TO 50% OFF</h3>
<h4><a href="offers.html">TRAVEL SMART</a></h4>
</div>

<div class="clearfix"></div>
</div>
<div class="col-md-4 rupees-left wow fadeInDown animated animated" data-wow-delay=".5s"
style="visibility: visible; animation-delay: 0.5s; animation-name: fadeInDown;">
<div class="rup-left">
<a href="offers.html"><i class="fa fa-h-square"></i></a>
</div>
<div class="rup-rgt">
<h3>UP TO 70% OFF</h3>
<h4><a href="offers.html">ON HOTELS ACROSS WORLD</a></h4>
</div>
<div class="clearfix"></div>
</div>
<div class="col-md-4 rupees-left wow fadeInDown animated animated" data-wow-delay=".5s"
style="visibility: visible; animation-delay: 0.5s; animation-name: fadeInDown;">
<div class="rup-left">
<a href="offers.html"><i class="fa fa-mobile"></i></a>
</div>
<div class="rup-rgt">
<h3>FLAT 40% OFF</h3>

```

```

<h4><a href="offers.html">US APP OFFER</a></h4>
</div>
<div class="clearfix"></div>
</div>
</div>
</div>

```

```

<!-- /rupes ---->
<!--holiday---->
<div class="container">
<div class="holiday">
<h3>Package List</h3>
<?php $sql = "SELECT * from tbltourpackages order by rand() limit 4";
$query = $dbh->prepare($sql);
$query->execute();
$results=$query->fetchAll(PDO::FETCH_OBJ);
$cnt=1;
if($query->rowCount() > 0)
{
foreach($results as $result)
{ ?>
<div class="rom-btm">
<div class="col-md-3 room-left wow fadeInLeft animated" data-wow-delay=".5s">
</div>
<div class="col-md-6 room-middle wow fadeInUp animated" data-wow-delay=".5s">
<h4>Package Name: <?php echo htmlentities($result->PackageName);?></h4>
<h6>Package Type : <?php echo htmlentities($result->PackageType);?></h6>
<p><b>Package Location :</b> <?php echo htmlentities($result->PackageLocation);?></p>
<p><b>Features</b> <?php echo htmlentities($result->PackageFetures);?></p>
</div>
<div class="col-md-3 room-right wow fadeInRight animated" data-wow-delay=".5s">
<h5>INR <?php echo htmlentities($result->PackagePrice);?></h5>
<a href="package-details.php?pkgid=<?php echo htmlentities($result->PackageId);?>"
class="view">Details</a>

</div>
<div class="clearfix"></div>
</div>

```



```

<?php }} ?>
<div><a href="package-list.php" class="view">View More Packages</a></div>
</div>
<div class="clearfix"></div>
</div>
<!-- routes ---->
<div class="routes">
<div class="container">
<div class="col-md-4 routes-left wow fadeInRight animated" data-wow-delay=".5s">
<div class="rou-left">
<a href="#"><i class="glyphicon glyphicon-list-alt"></i></a>
</div>
<div class="rou-rgt wow fadeInDown animated" data-wow-delay=".5s">
<h3>80000</h3>
<p>Enquiries</p>
</div>
<div class="clearfix"></div>
</div>
<div class="col-md-4 routes-left">
<div class="rou-left">
<a href="#"><i class="fa fa-user"></i></a>

</div>
<div class="rou-rgt">
<h3>1900</h3>
<p>Registered users</p>
</div>
<div class="clearfix"></div>
</div>
<div class="col-md-4 routes-left wow fadeInRight animated" data-wow-delay=".5s">
<div class="rou-left">
<a href="#"><i class="fa fa-ticket"></i></a>
</div>
<div class="rou-rgt">
<h3>7,00,00,000+</h3>
<p>Booking</p>
</div>
<div class="clearfix"></div>
</div>
<div class="clearfix"></div>
</div>
</body>
</html>

```

Codes for admin dashboard:

```
<?php
session_start();
include('includes/config.php');
?>

if(strlen($_SESSION['alogin'])==0)
{
header('location:index.php');
}
else{
?>
<!DOCTYPE HTML>
<html>
<head>
<title>TMS | Admin Dashboard</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<script type="application/x-javascript"> addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); } </script>
<!-- Bootstrap Core CSS -->
<link href="css/bootstrap.min.css" rel='stylesheet' type='text/css' />
<!-- Custom CSS -->
<link href="css/style.css" rel='stylesheet' type='text/css' />
<link rel="stylesheet" href="css/morris.css" type="text/css"/>
<!-- Graph CSS -->
<link href="css/font-awesome.css" rel="stylesheet">
<!-- jQuery -->
<script src="js/jquery-2.1.4.min.js"></script>
<!-- //jQuery -->
<link href="//fonts.googleapis.com/css?family=Roboto:700,500,300,100italic,100,400'
rel='stylesheet'
type='text/css'/>
```

```

<?php $sql1 = "SELECT BookingId from tblbooking";
$query1 = $dbh -> prepare($sql1);
$query1->execute();
$results1=$query1->fetchAll(PDO::FETCH_OBJ);
$cnt1=$query1->rowCount();
?>
<h4><?php echo htmlentities($cnt1);?></h4>
</div>
</div>
</div>
<div class="col-md-3 four-grid">

<div class="four-w3ls">
<div class="icon">
<i class="glyphicon glyphicon-folder-open" aria-hidden="true"></i>
</div>
<div class="four-text">
<h3>Enquiries</h3>
<?php $sql2 = "SELECT id from tblenquiry";
$query2= $dbh -> prepare($sql2);
    $query2->execute();
$results2=$query2->fetchAll(PDO::FETCH_OBJ);
$cnt2=$query2->rowCount();
?>
<h4><?php echo htmlentities($cnt2);?></h4>
</div>
</div>
</div>
<div class="col-md-3 four-grid">
<div class="four-wthree">
<div class="icon">
<i class="glyphicon glyphicon-briefcase" aria-hidden="true"></i>
</div>
<div class="four-text">
<h3>Toatal packages</h3>
<?php $sql3 = "SELECT PackageId from tbltourpackages";
$query3= $dbh -> prepare($sql3);
$query3 -> execute();

$results3=$query3->fetchAll(PDO::FETCH_OBJ);
$cnt3=$query3->rowCount();
?>
<h4><?php echo htmlentities($cnt3);?></h4>

```

```

</div>
</div>
</div>
<div class="clearfix"></div>
</div>
<div class="four-grids">
<div class="col-md-3 four-grid">
<div class="four-w3ls">
<div class="icon">
<i class="glyphicon glyphicon-folder-open" aria-hidden="true"></i>
</div>
<div class="four-text">
<h3>Issues Riased</h3>
<?php $sql5 = "SELECT id from tblissues";
$query5= $dbh -> prepare($sql5);
$query5->execute();
$results5=$query5->fetchAll(PDO::FETCH_OBJ);
$cnt5=$query5->rowCount();
?>
<h4><?php echo htmlentities($cnt5);?></h4>

```

```

</div>
</div>
</div>
<div class="clearfix"></div>
</div>
<!--//four-grids here-->
<div class="inner-block">
    </div>
<!--inner block end here-->
<!--copy rights start here-->
<?php include('includes/footer.php');?>
</div>
</div>
<!--/sidebar-menu-->
<?php include('includes/sidebarmenu.php');?>
<div class="clearfix"></div>
</div>
<script>
var toggle = true;
$(".sidebar-icon").click(function() {

```

```

I f (toggle)

```

```

{
$(".page-container").addClass("sidebar-collapsed").removeClass("sidebar-collapsed-back");
$("#menu span").css({ "position": "absolute" });
}

else
{
$(".page-container").removeClass("sidebar-collapsed").addClass("sidebar-collapsed-back");
setTimeout(function() {
$("#menu span").css({ "position": "relative" });
}, 400);}
toggle = !toggle;
});
</script>
<!--js -->
<script src="js/jquery.nicescroll.js"></script>
<script src="js/scripts.js"></script>
<!-- Bootstrap Core JavaScript -->
<script src="js/bootstrap.min.js"></script>
<!-- /Bootstrap Core JavaScript -->
<!-- morris JavaScript -->
<script src="js/raphael-min.js"></script>
<script src="js/morris.js"></script>
<script>
$(document).ready(function() {
//BOX BUTTON SHOW AND CLOSE

jQuery('.small-graph-box').hover(function() {
jQuery(this).find('.box-button').fadeIn('fast');
}, function() {
jQuery(this).find('.box-button').fadeOut('fast');
});
jQuery('.small-graph-box .box-close').click(function() {
jQuery(this).closest('.small-graph-box').fadeOut(200);
return false;
});
//CHARTS
function gd(year, day, month) {
return new Date(year, month - 1, day).getTime();
}
graphArea2 = Morris.Area({
element: 'hero-area',
padding: 10,
behaveLikeLine: true,
gridEnabled: false,
gridLineColor: '#dddddd',

```

```

axes: true,
resize: true,
smooth:true,
pointSize: 0,
lineWidth: 0,
fillOpacity:0.85,
data: [

period: '2014 Q1', iphone: 2668, ipad: null, itouch: 2649},
{period: '2014 Q2', iphone: 15780, ipad: 13799, itouch: 12051},
{period: '2014 Q3', iphone: 12920, ipad: 10975, itouch: 9910},
{period: '2014 Q4', iphone: 8770, ipad: 6600, itouch: 6695},
{period: '2015 Q1', iphone: 10820, ipad: 10924, itouch: 12300},
{period: '2015 Q2', iphone: 9680, ipad: 9010, itouch: 7891},
{period: '2015 Q3', iphone: 4830, ipad: 3805, itouch: 1598},
{period: '2015 Q4', iphone: 15083, ipad: 8977, itouch: 5185},
{period: '2016 Q1', iphone: 10697, ipad: 4470, itouch: 2038},
{period: '2016 Q2', iphone: 8442, ipad: 5723, itouch: 1801}
],
lineColors:['#ff4a43','#a2d200','#22beef'],
xkey: 'period',
redraw: true,
ykeys: ['iphone', 'ipad', 'itouch'],
labels: ['All Visitors', 'Returning Visitors', 'Unique Visitors'],
pointSize: 2,
hideHover: 'auto',
resize: true
});
});
</script>
</body>
</html>
<?php } ?>

```

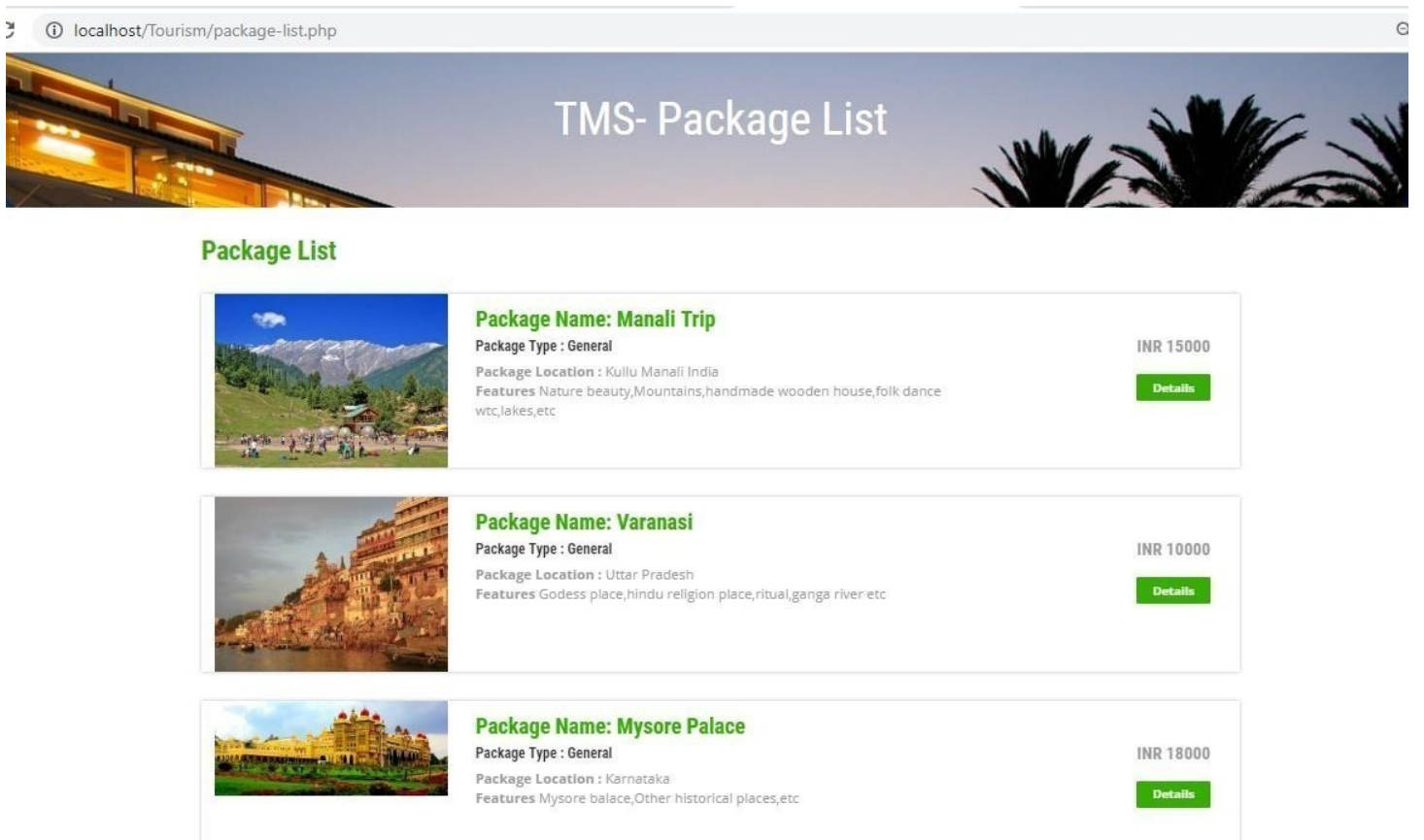
6. RESULTS

6.1 TABLE CASE:

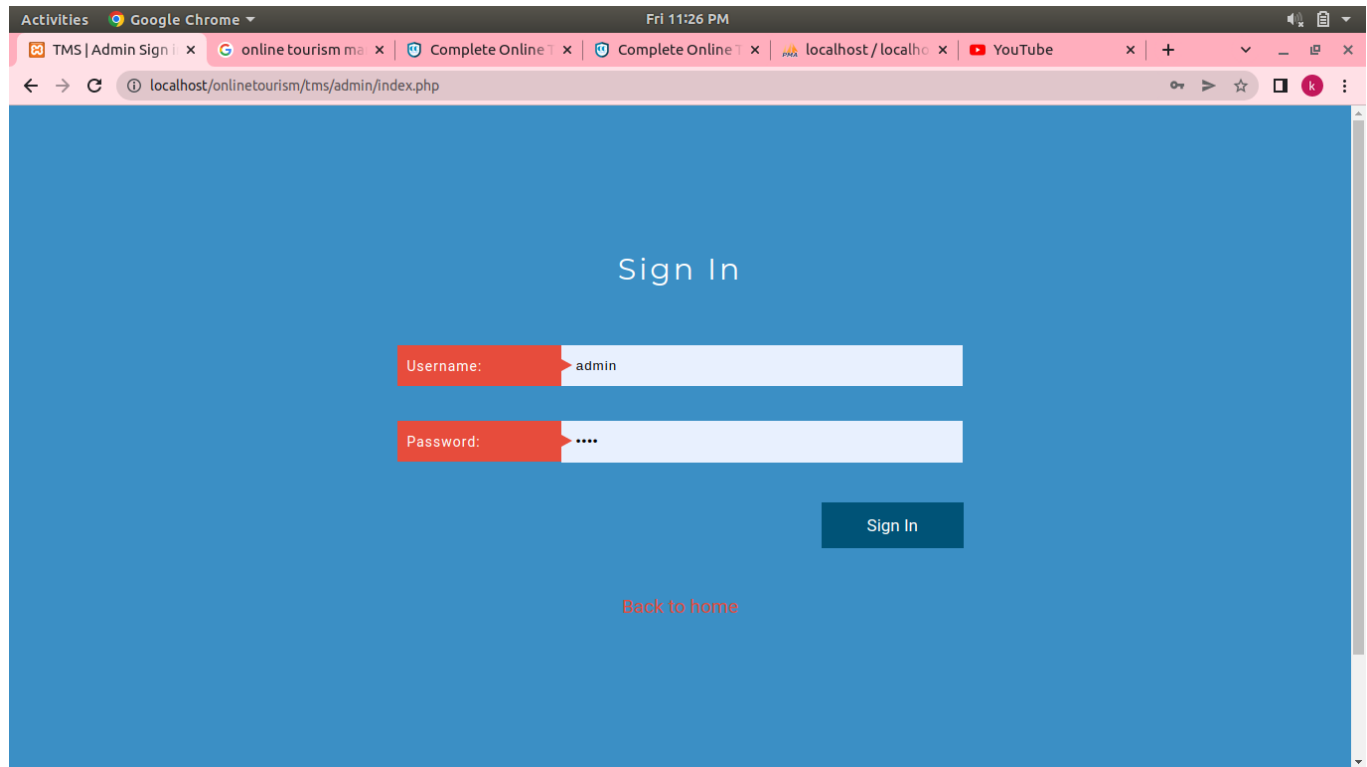
Test Case No	TEST	Excepted Outcome	Outcome
1	Admin login page logs into admin profile	YES	YES
2	Admin login logs into user profile	YES	YES
3	Admin can be add various places	YES	YES
4	Admin is able to see user's booking	YES	YES
5	User Register the details	YES	YES
6	User Login the page	YES	YES
7	User Booking the Places	YES	YES

7.MODULE

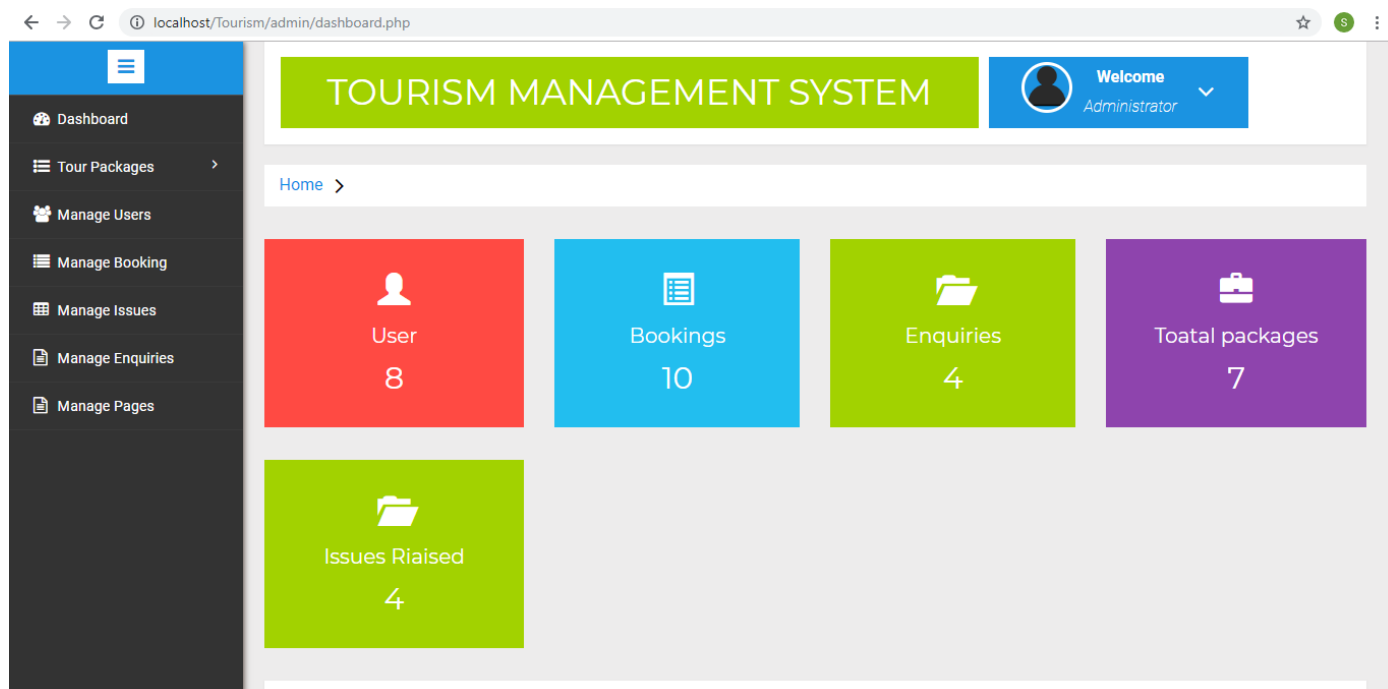
Main Home Page



Admin Login Page



Admin DashBoard:



User Registration Page:

The screenshot shows a web browser window with the URL `localhost/online tourism/tms/index.php`. The page features a dark blue header with "Admin Login" and "Toll Number : 123-4568790 Sign Up / Sign In". A green navigation bar contains "Home", "About", and "Tour Package". The main content area has a background image of a bus and a large "Create your account" modal. The modal includes social login buttons for Facebook and Google, and a form with fields for Full Name, Mobile number, Email id, and Password. A green "CREATE ACCOUNT" button is at the bottom. A disclaimer at the bottom of the modal states: "By logging in you agree to our Terms and Conditions and Privacy Policy".

Activities Google Chrome Fri 11:26 PM

TMS | Tourism Mar x online tourism ma x Complete Online T x Complete Online T x localhost / localh x YouTube x + - x

localhost/online tourism/tms/index.php

Admin Login Toll Number : 123-4568790 Sign Up / Sign In

Tourism Management

Home About Tour Package

SAFE & SECURE

Facebook Google

Create your account

Full Name

Mobile number

Email id

Password

CREATE ACCOUNT

By logging in you agree to our Terms and Conditions and Privacy Policy

User Login Page:

The screenshot shows the same web browser window as the registration page. The "Signin with your account" modal is displayed. It includes social login buttons for Facebook and Google, and a form with fields for username (containing "admin") and password (containing four dots). A "Forgot password" link is below the password field. A green "SIGNIN" button is at the bottom. The same disclaimer is at the bottom of the modal: "By logging in you agree to our Terms and Conditions and Privacy Policy".

Activities Google Chrome Fri 11:26 PM

TMS | Tourism Mar x online tourism ma x Complete Online T x Complete Online T x localhost / localh x YouTube x + - x

localhost/online tourism/tms/index.php

Admin Login Toll Number : 123-4568790 Sign Up / Sign In

Tourism Management

Home About Tour Package

SAFE & SECURE

Facebook Google

Signin with your account

admin

....

Forgot password

SIGNIN

By logging in you agree to our Terms and Conditions and Privacy Policy

8.FUTURE SCOPE

Tourism is growing and so is the scope in tourism increasing. There is a good employment in the tourism sector. Thus too grab such opportunities you need to a yourself with the knowledge in tourism.

Any tourist agency can make use of it for saving customer details in database.

Tourism group can use it for managing their location, hotel, vehicles details.

This application can easily implemented under various situations.

We can add new features as and when we require. Reusability of this application is also possible.

9.REFERENCES

1. www.msdn.microsoft.com
2. w3schools.com
3. ww.phpgurukul.com
4. www.myproject.com
5. www.way3html.com

10.CONCLUSION

- “ Tourism management System” simplifies the management process in travelling.
- Fast processing and immediate results with high security.
 - Minimizing human effort and cost efficient databases.
 - Navigation through the site is easy.