

**A Project Report on**

**TOURISM MANAGEMENT SYSTEM**

**Submitted by**

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**Submitted to**



Under the supervision of

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**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”

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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.

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## **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.

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With Sincere Regards ,

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## **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 to Check which vehicle is available for that day and reverts back to the customer along to quotation.

If the customer agrees for any one of the quotation, 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 show the confirmation message to the driver for clarity and only then he will agree to 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 the 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 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 to 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 and destinations. For each route, information such as source, destination, fare , reservations, pick up points etc are provided. 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 buildentire e-commerce sites. It is integrated with a number of popular databases, including MySQL, PostgreSQL, Oracle, Sybase, Informix, and Microsoft SQL Server.

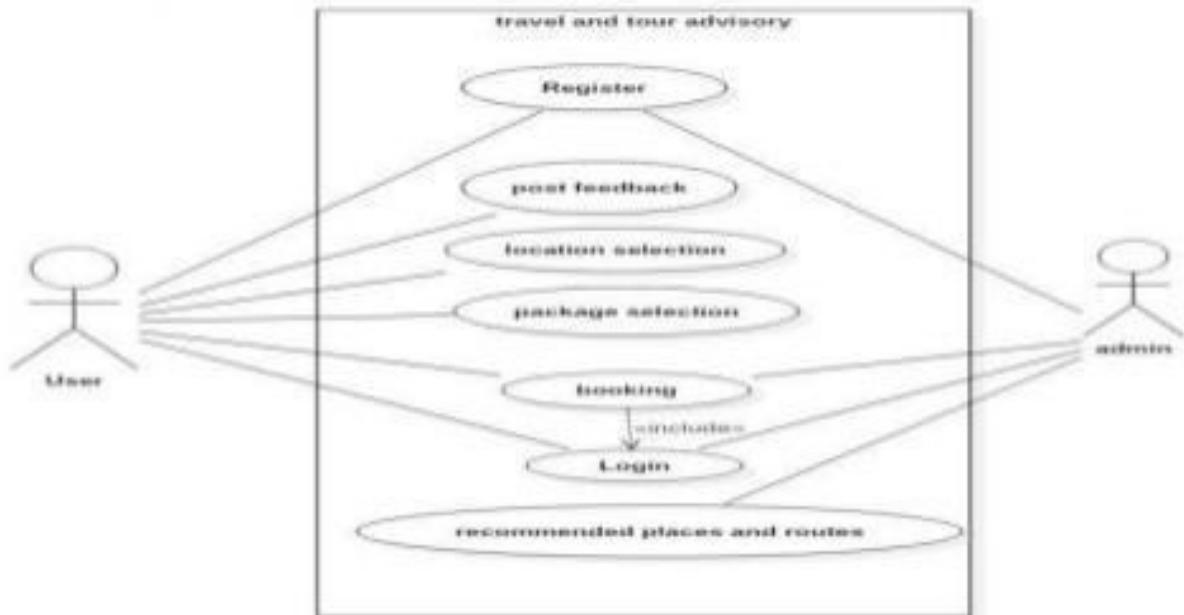
#### 3.4 MYSQL:



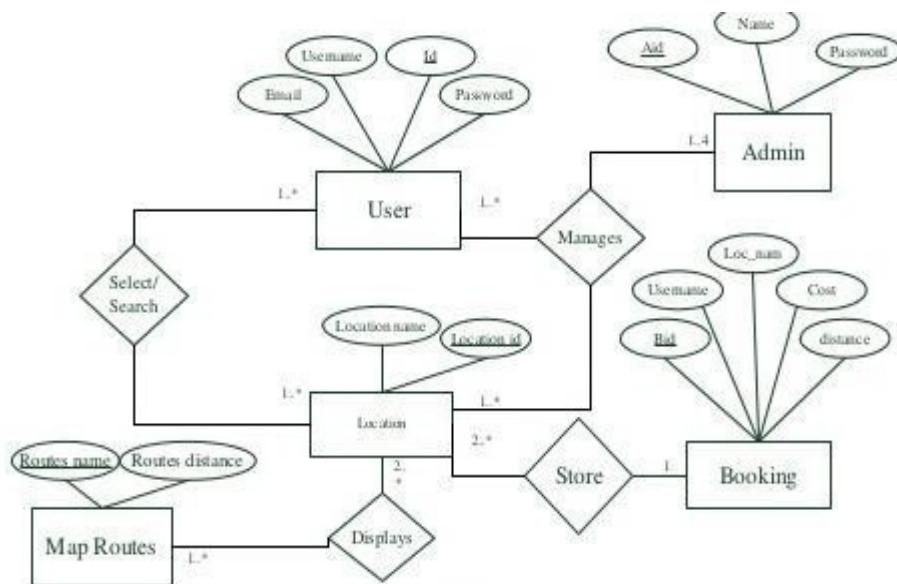
**MySQL** is a freely available open source Relational Database Management System (RDBMS) that uses Structured Query Language(SQL).SQL is the most popular language for adding, accessing and managing content in a database. MySQL is an essential part of almost every opesource PHP application.

## 4.SYSTEM DESIGN

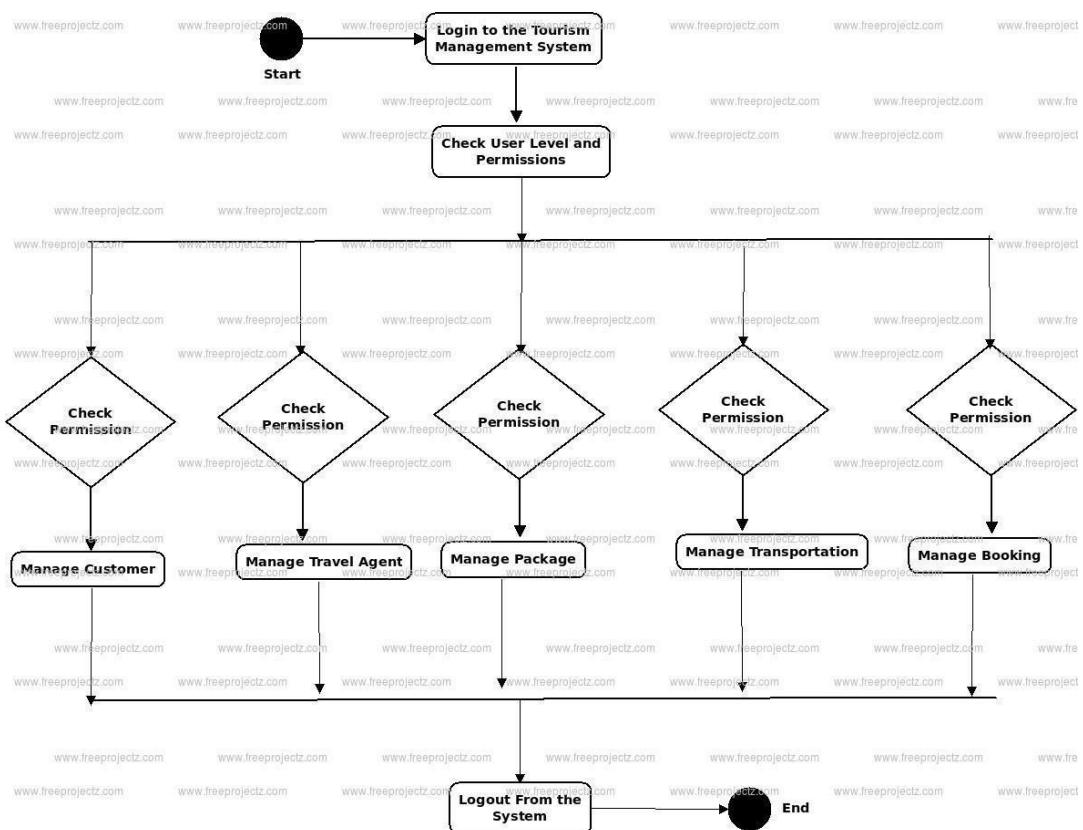
USE Case Diagram:



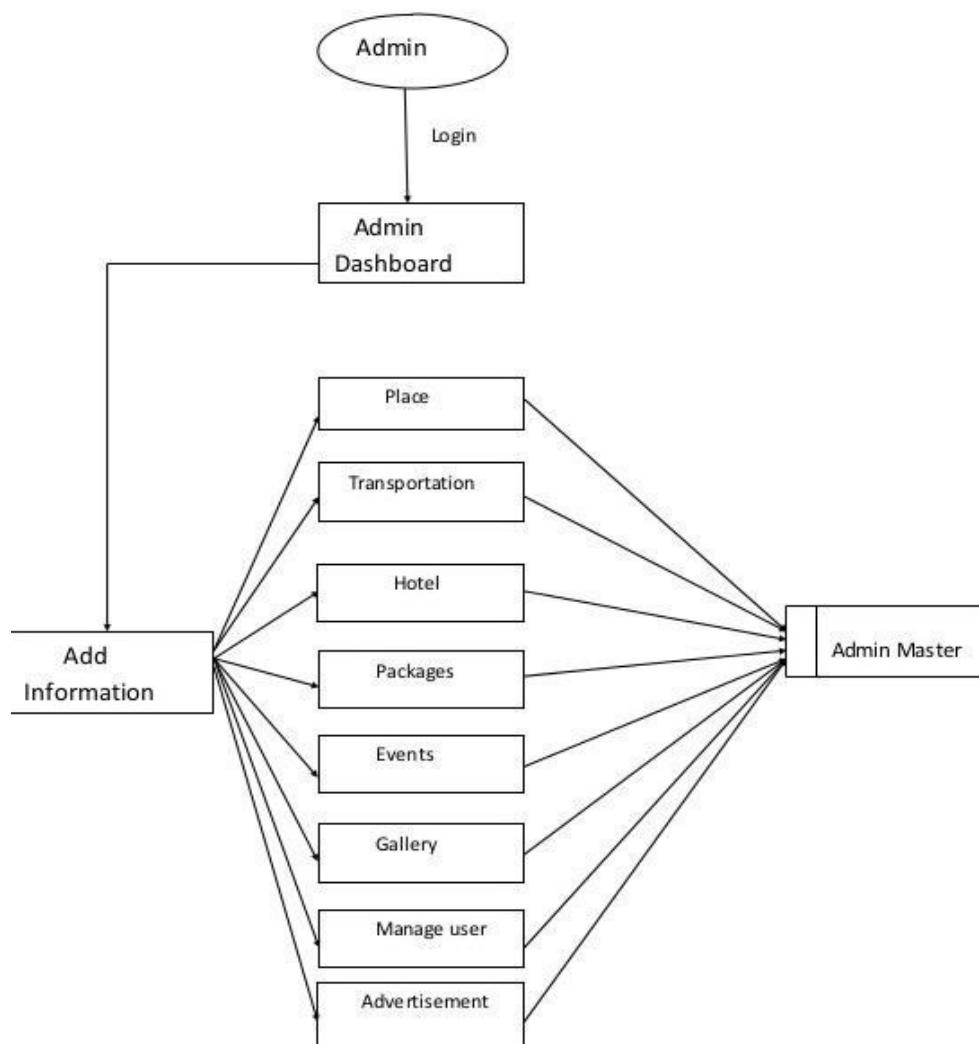
ERDiagram:



# 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>
<!-- rupes ---->
<div class="container">
<div class="rupes">
<div class="col-md-4 rupes-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 rupes-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 rupes-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">

class="img-
responsive" alt=""></div>
<div class="col-md-6 room-midle 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 Riaised</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

Tourism Management System

SAFE & SECURE

Home About Tour Packages Privacy Policy Terms of Use Contact Us Enquiry

TMS - Tourism Management System

## TMS- Package List

### Package List

**Package Name:** Manali Trip

Package Type : General

Package Location : Kullu Manali India

Features Nature beauty, Mountains, handmade wooden house, folk dance etc

INR 15000

**Details**

**Package Name:** Varanasi

Package Type : General

Package Location : Uttar Pradesh

Features Goddess place, hindu religion place, ritual, ganga river etc

INR 10000

**Details**

**Package Name:** Mysore Palace

Package Type : General

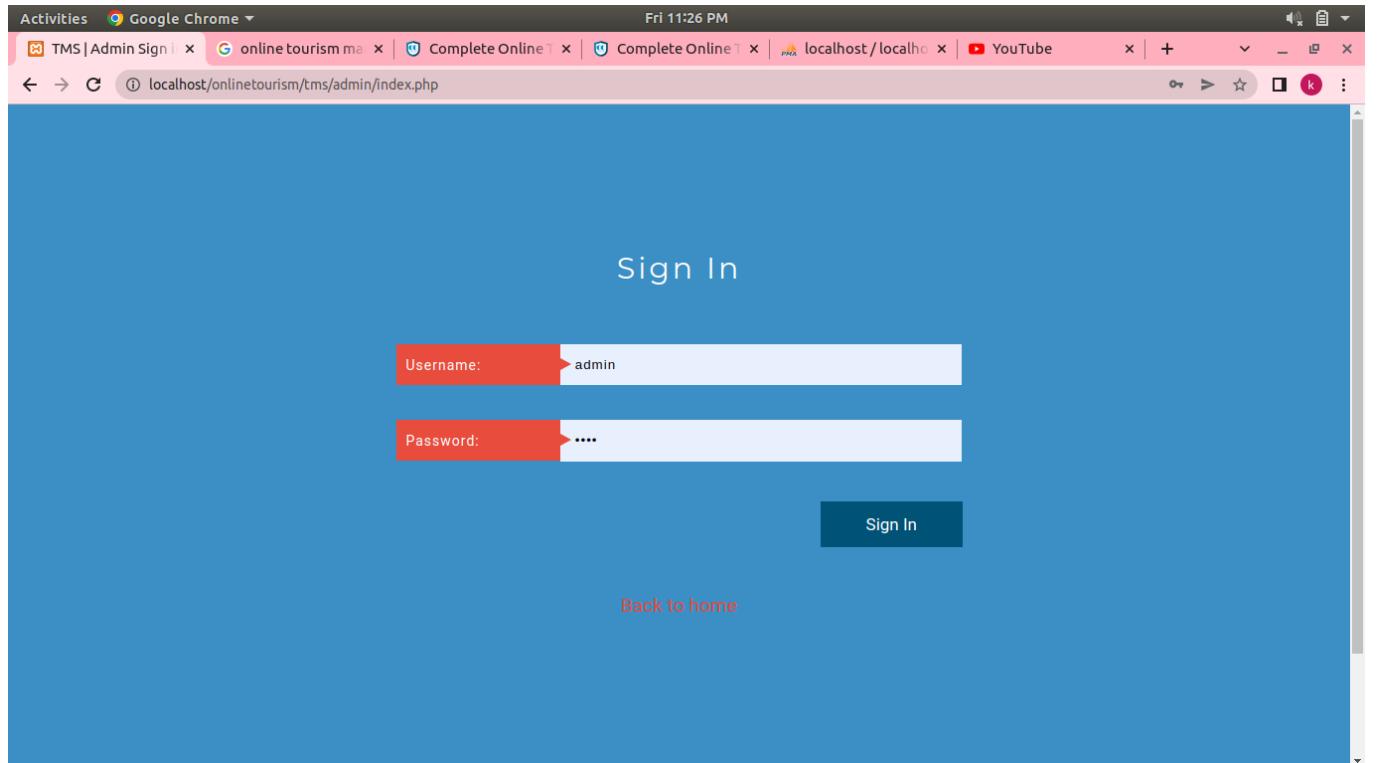
Package Location : Karnataka

Features Mysore palace, Other historical places, etc

INR 18000

**Details**

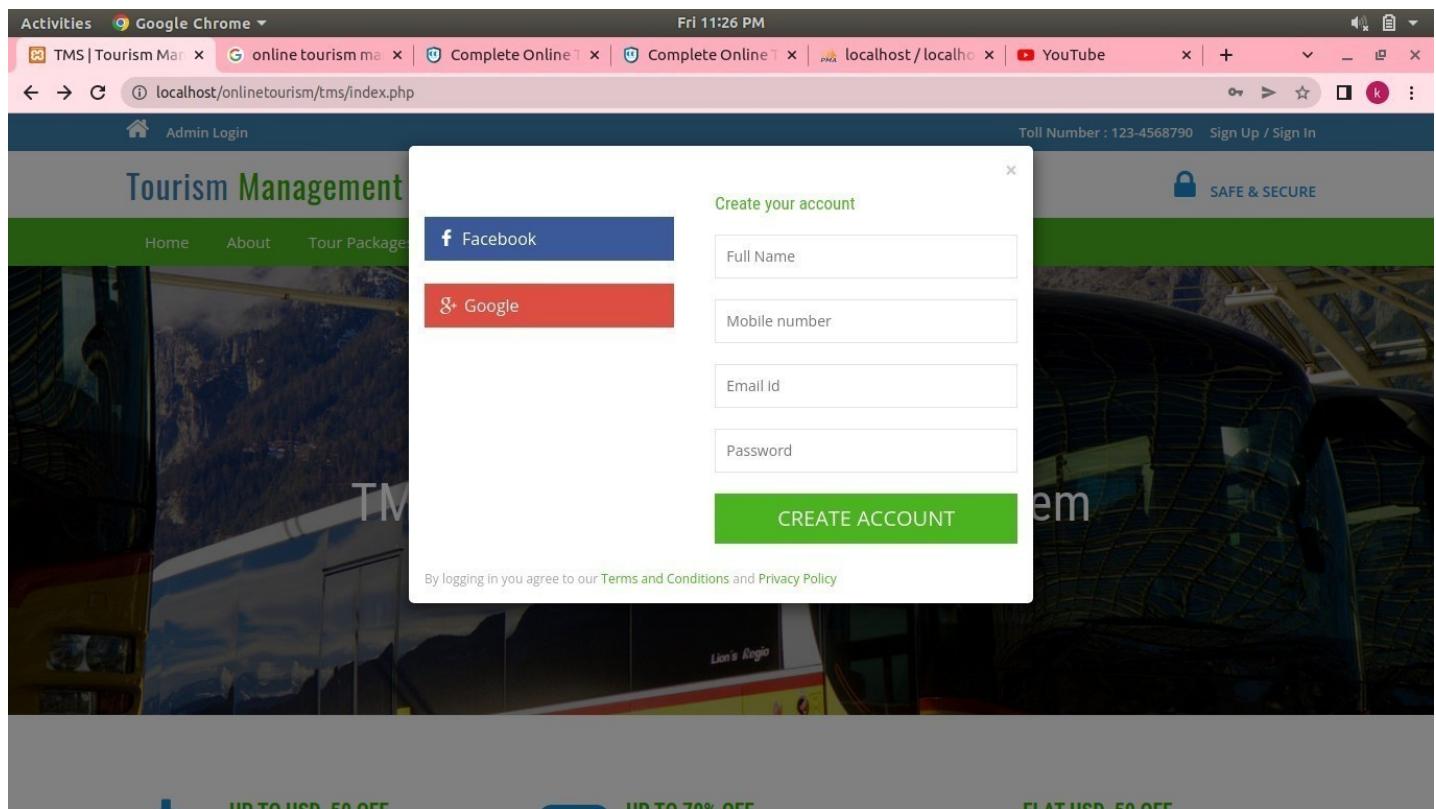
# Admin Login Page



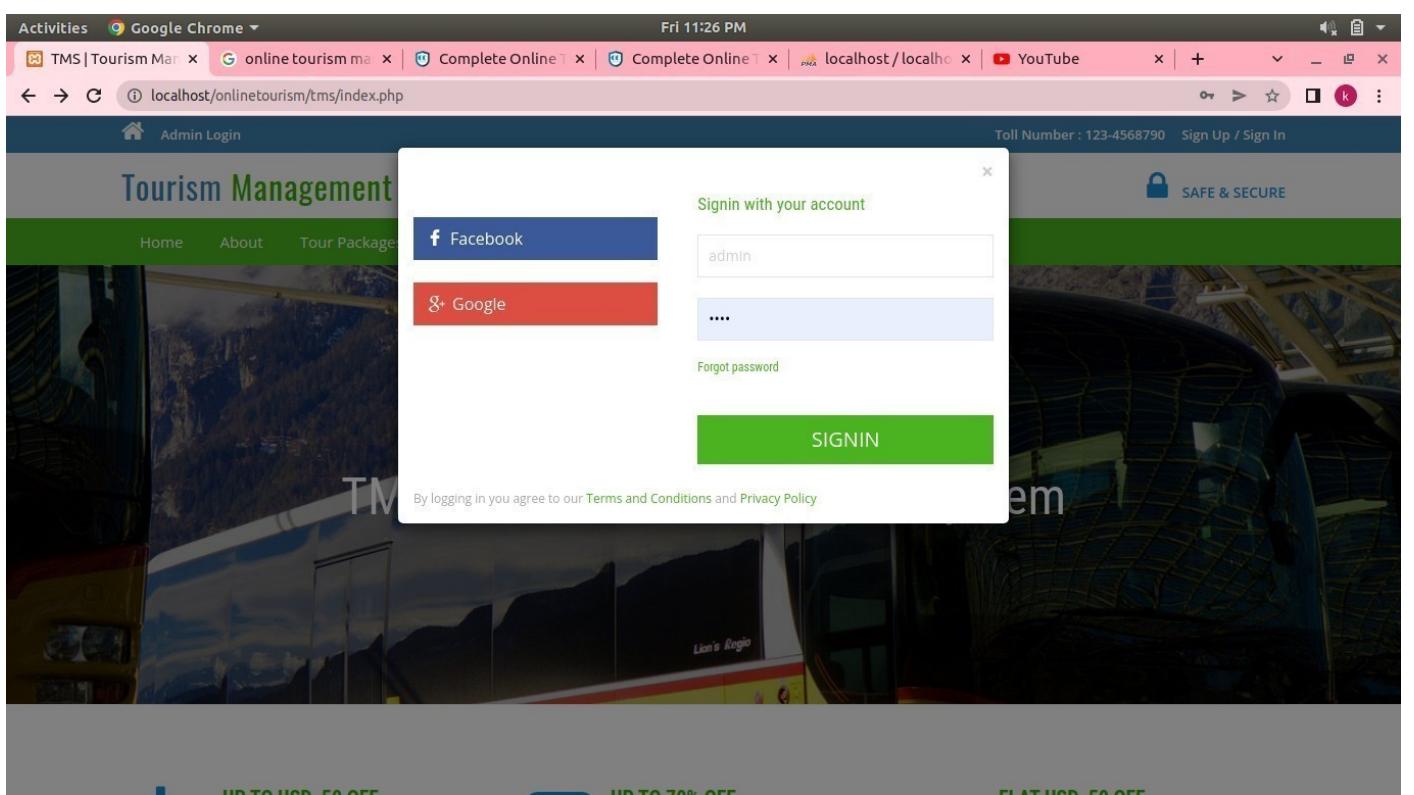
# Admin DashBoard:

A screenshot of the 'TOURISM MANAGEMENT SYSTEM' dashboard. On the left is a sidebar with navigation links: 'Dashboard', 'Tour Packages', 'Manage Users', 'Manage Booking', 'Manage Issues', 'Manage Enquiries', and 'Manage Pages'. The main area features a green header with the system name and a welcome message for 'Administrator'. Below the header, a breadcrumb navigation shows 'Home &gt;'. The dashboard displays four cards: 'User' (8), 'Bookings' (10), 'Enquiries' (4), and 'Total packages' (7). At the bottom, there is a card for 'Issues Raised' (4).

# User Registration Page:



# User Login Page:



## **8.FUTURE SCOPE**

Tourism is growing and so is the scope in tourism increasing. There is a good employment in the tourism sector. Thus to grab such opportunities you need to arm 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 be 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](http://www.msdn.microsoft.com)
2. [w3schools.com](http://w3schools.com)
3. [www.phpgurukul.com](http://www.phpgurukul.com)
4. [www.myproject.com](http://www.myproject.com)
5. [www.way3html.com](http://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.