

Bhai Gurdas Polytechnic College

Main Patiala Road, Sangrur (Punjab)



TRAINING REPORT ON TOURISM MANAGEMENT SYSTEM (PHP)

**Submitted by:
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190769507701**

**Submitted to:
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BGPC (CSE)**

CERTIFICATE

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Praful Kumar Singh** (CSE) from the **Computer Science Engineering, BGPC, SANGRUR** undertook a project entitled. **“TOURISM MANAGEMENT SYSTEM”**. In my supervision, this work has not been submitted either in part or in full, to any other university or institute for the award of degree. It is the original efforts and work of the student and was neither submitted earlier nor copied from other reports. All the references have been mentioned at the end of the project.

DECLARATION

Praful Kumar Singh Roll No. **190769507701** (Semester-5) of the **Bhai Gurdas Polytecnic College** hereby declare that the Training Report entitled **“TOURISM MANAGEMENT SYSTEM ”** is an original work and data provided in the study is authentic to the best of my knowledge. This report has not been submitted to any other Institute for the award of any other degree.

INDEX

CHAPTER	PAGE
1. Introduction	5-6
1.1 Introduction of Project	
1.2 Objective of the Project	
1.3 Scope of Project	
1.4 Definition and Abbreviations	
1.5 Tools and Techniques	
2. Details of Using Website	7-29
2.1 Administrator Login	
2.2 User Login	
3. System Analysis & Specification	30-30
3.1 System Analysis	
3.2 Investigation Phase	
4. System Design	31-32
4.1 Data Flow Diagram	
5. Practical Application and Implementation	33-35
5.1 VS CODE	
5.2 PHPMYAdmin	
6. Reference	36-40
6.1 Xampp Server	
6.2 Apache	
6.3 Bootstrap and HTML	
6.4 JavaScript	
6.5 Css (Cascading Style Sheet)	

Introduction

1.1 Introduction Of Project

This website is based on the friend to support for Tourism Management System. This project will be handling using HTML, CSS, and JavaScript & PHP. This project will hold all the activities of Tourism Management System

Today is competitive world. Everything is going to be online. So keeping in view the need of this, my project is on website development. I have developed the website of Tourism Management System.

1.2 Objectives Of Project

This project is based on php language. The main of this project is to provide to give Hostel Management System.

1. Centralization of data
2. Make the system computizea
3. Reduce the time consumptions
4. No paper work requirement.
5. Easy data searching and updating.

1.3 Scope of project

Nothing is perfect in this world. So we are also no exception. Although, we have tried our best to present the information effectively yet, there can we further enhancement in the application. we have taken care of all the critical aspects which needs to take care of during the development of the project.

Like the things this project also has some limitations and can further be enhances by someone, because there are certain drawbacks that do not permit the system to be 100% accurate.

1.4 Definition and Abbreviations

<u>Sr.No.</u>	<u>Acronyms</u>	<u>Description</u>
1.	College / School	Hostel Data Store In Office Or Booking.
2.	Admin	User Admin And Student Admin.

1.5 Tools and Techniques

Front End = PHP

Back End = MYSQL

Server = Xampp

ADMIN LOGIN:-

The screenshot shows a web browser window with the address bar displaying 'localhost / 127.0.0.1 / tms / admin / index.php'. The page title is 'TMS | Admin Sign in'. The main content area has a blue background and features a 'Sign In' heading. Below the heading are two input fields: 'Username:' and 'Password:'. To the right of the 'Password:' field is a 'Sign In' button. Below the button is a 'Back to home' link. At the bottom left, the text 'Praful Travels' is visible.

Sign In

Username:

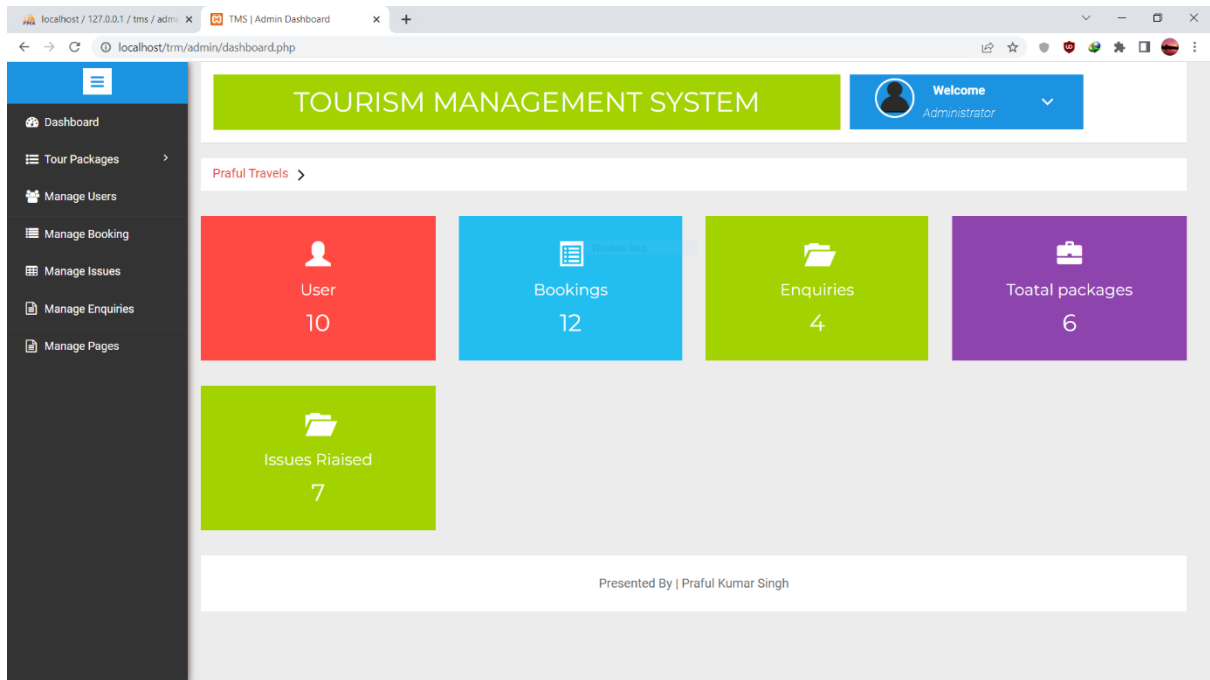
Password:

Sign In

Back to home

Praful Travels

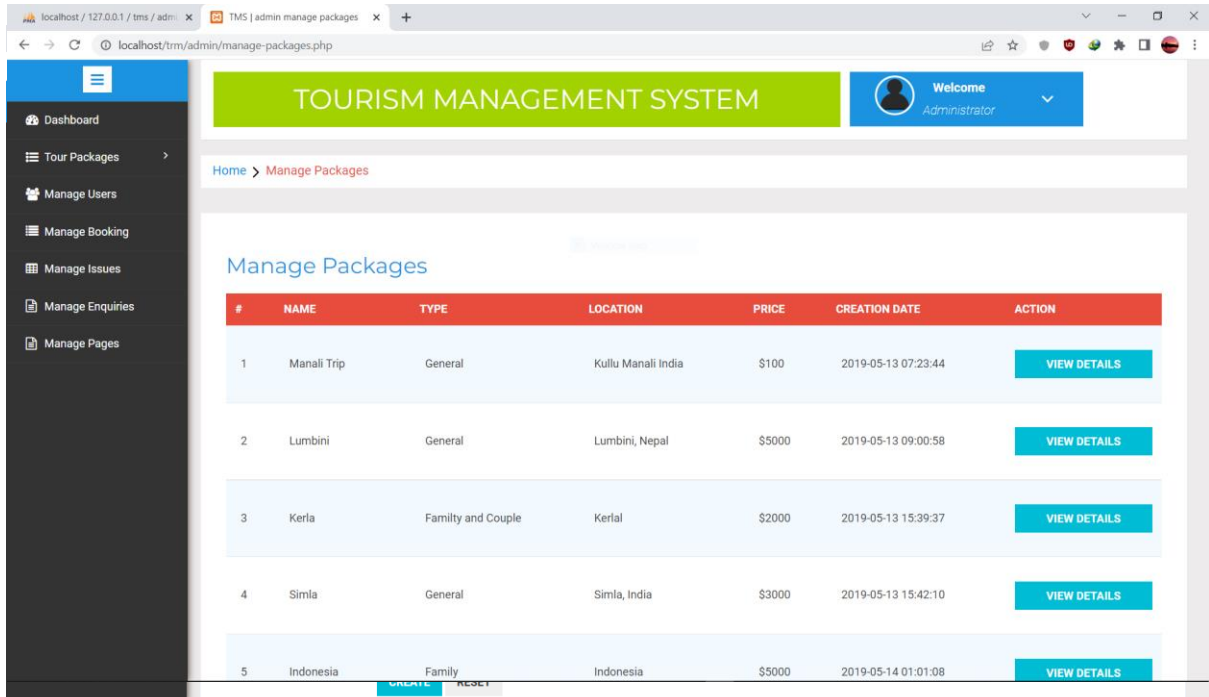
ADMIN HOME:-



ADMIN CHANGE PASSWORD:-

The screenshot shows a web browser window with the URL `localhost/tms/admin/change-password.php`. The page has a dark sidebar on the left with a menu containing: Dashboard, Tour Packages, Manage Users, Manage Booking, Manage Issues, Manage Enquiries, and Manage Pages. The main content area has a green header bar with the text "TOURISM MANAGEMENT SYSTEM" and a user profile box on the right that says "Welcome Administrator". Below the header is a breadcrumb trail: `Home > Profile > Change Password`. The main form contains three password input fields labeled "Current Password", "New Password", and "Confirm Password", each with a password icon on the left. At the bottom of the form are two buttons: "SUBMIT" (in blue) and "RESET" (in grey).

CREATE TOUR PACKAGE:-



The screenshot shows the 'Manage Packages' page in the Tourism Management System. The page features a sidebar with navigation links and a main content area with a table of tour packages.

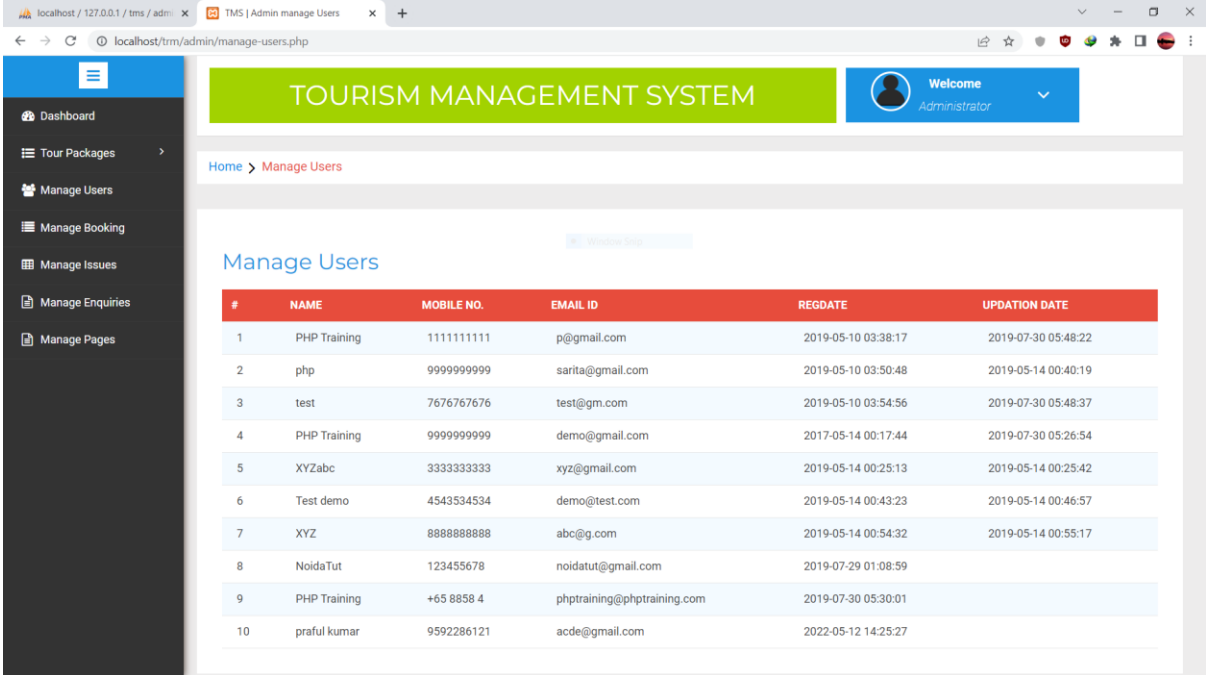
#	NAME	TYPE	LOCATION	PRICE	CREATION DATE	ACTION
1	Manali Trip	General	Kullu Manali India	\$100	2019-05-13 07:23:44	VIEW DETAILS
2	Lumbini	General	Lumbini, Nepal	\$5000	2019-05-13 09:00:58	VIEW DETAILS
3	Kerla	Family and Couple	Kerla	\$2000	2019-05-13 15:39:37	VIEW DETAILS
4	Simla	General	Simla, India	\$3000	2019-05-13 15:42:10	VIEW DETAILS
5	Indonesia	Family	Indonesia	\$5000	2019-05-14 01:01:08	VIEW DETAILS

MANAGE TOUR PACKAGE:-

The screenshot shows the 'Manage Packages' page in the TMS Admin interface. The page has a sidebar with navigation links: Dashboard, Tour Packages, Manage Users, Manage Booking, Manage Issues, Manage Enquiries, and Manage Pages. The main content area shows a table of tour packages.

#	NAME	TYPE	LOCATION	PRICE	CREATION DATE	ACTION
1	Manali Trip	General	Kullu Manali India	\$100	2019-05-13 07:23:44	VIEW DETAILS
2	Lumbini	General	Lumbini, Nepal	\$5000	2019-05-13 09:00:58	VIEW DETAILS
3	Kerla	Family and Couple	Kerla	\$2000	2019-05-13 15:39:37	VIEW DETAILS
4	Simla	General	Simla, India	\$3000	2019-05-13 15:42:10	VIEW DETAILS
5	Indonesia	Family	Indonesia	\$5000	2019-05-14 01:01:08	VIEW DETAILS

MANAGE USERS:-



The screenshot shows a web browser window with the URL `localhost/tms/admin/manage-users.php`. The page title is "TOURISM MANAGEMENT SYSTEM". The user is logged in as "Administrator". The left sidebar contains a menu with the following items: Dashboard, Tour Packages, Manage Users (selected), Manage Booking, Manage Issues, Manage Enquiries, and Manage Pages. The main content area is titled "Manage Users" and contains a table with the following data:

#	NAME	MOBILE NO.	EMAIL ID	REGDATE	UPDATION DATE
1	PHP Training	1111111111	p@gmail.com	2019-05-10 03:38:17	2019-07-30 05:48:22
2	php	9999999999	sarita@gmail.com	2019-05-10 03:50:48	2019-05-14 00:40:19
3	test	7676767676	test@gm.com	2019-05-10 03:54:56	2019-07-30 05:48:37
4	PHP Training	9999999999	demo@gmail.com	2017-05-14 00:17:44	2019-07-30 05:26:54
5	XYZabc	3333333333	xyz@gmail.com	2019-05-14 00:25:13	2019-05-14 00:25:42
6	Test demo	4543534534	demo@test.com	2019-05-14 00:43:23	2019-05-14 00:46:57
7	XYZ	8888888888	abc@g.com	2019-05-14 00:54:32	2019-05-14 00:55:17
8	NoidaTut	123455678	noidatut@gmail.com	2019-07-29 01:08:59	
9	PHP Training	+65 8858 4	phptraining@phptraining.com	2019-07-30 05:30:01	
10	praful kumar	9592286121	acde@gmail.com	2022-05-12 14:25:27	

MANAGE BOOKING:-

localhost / 127.0.0.1 / tms / admin

TMS | Admin manage Bookings

localhost/tms/admin/manage-bookings.php

Dashboard

Tour Packages

Manage Users

Manage Booking

Manage Issues

Manage Enquiries

Manage Pages

TOURISM MANAGEMENT SYSTEM

Welcome Administrator

Home > Manage Bookings

Manage Bookings

BOOKIN ID	NAME	MOBILE NO.	EMAIL ID	REGDATE	FROM /TO	COMMENT	STATUS	ACTION
#BK-11	PHP Training	1111111111	p@gmail.com	Kerla	2019-07-31 To 2019-08-02	This is sample text for testing,	Confirmed	Cancel / Confirm
#BK-9	Test demo	4543534534	demo@test.com	Manali Trip	05/19/2019 To 05/21/2019	demo test demo test	Confirmed	Cancel / Confirm
#BK-10	XYZ	8888888888	abc@g.com	Simla	05/22/2019 To 05/24/2019	test test t test test test test test test test test test test test test test test t	Confirmed	Cancel / Confirm
#BK-13	praful kumar	9592286121	acde@gmail.com	Manali Trip	2022-05-13 To 2022-05-17	gyfygvkjkh	Confirmed	Cancel / Confirm

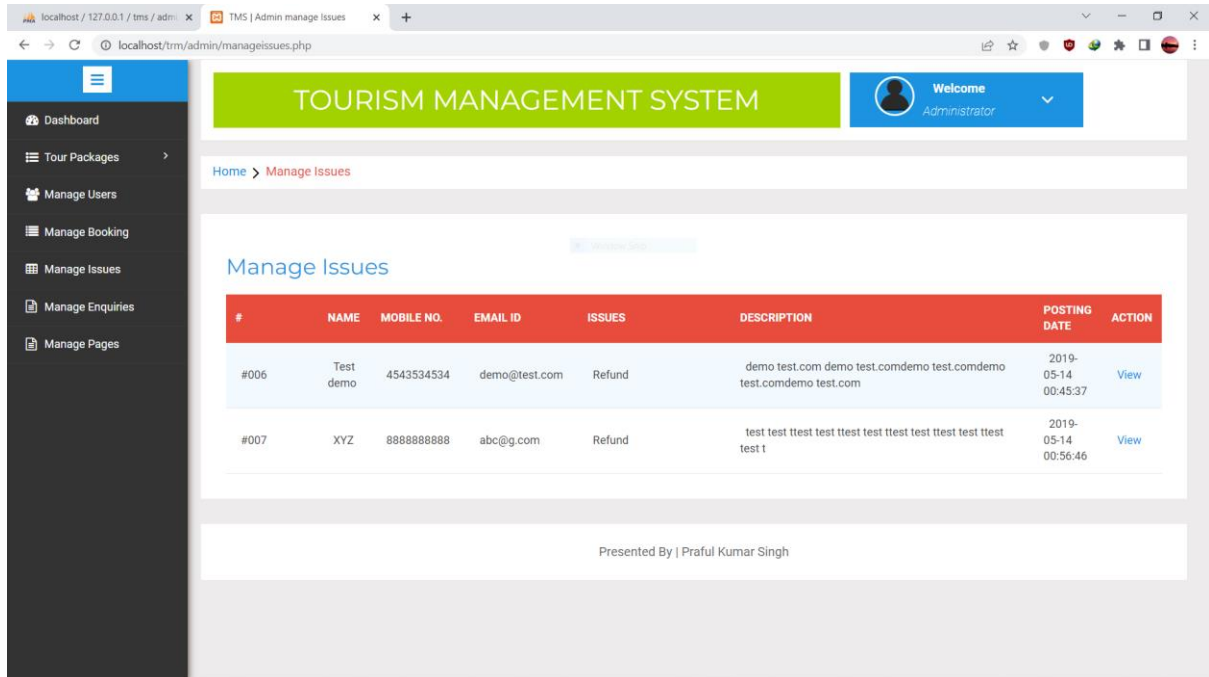
Presented By | Praful Kumar Singh

MANAGE ENQUIRIES:-

The screenshot displays the 'Manage Enquiries' page within a 'TOURISM MANAGEMENT SYSTEM' admin dashboard. The interface includes a sidebar with navigation links: Dashboard, Tour Packages, Manage Users, Manage Booking, Manage Issues, Manage Enquiries (active), and Manage Pages. The main content area features a table of enquiries with columns for Ticket ID, Name, Mobile No./Email, Subject, Description, Posting Date, and Action.

TICKET ID	NAME	MOBILE NO./ EMAIL	SUBJECT	DESCRIPTION	POSTING DATE	ACTION
#TCKT-1	phptraining	2354235235 / php@gmail.com	The standard Lorem Ipsum passage, used since the 1500s	Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum	2019-05-13 15:23:53	Read
#TCKT-2	efgegter	3454353453 / terterte@gmail.com	The standard Lorem Ipsum passage	nventore veritatis et quasi architecto beatae vitae dicta sunt explicabo. Nemo enim ipsam voluptatem quia voluptas sit aspernatur aut odit aut fugit, sed quia consequuntur magni dolores eos qui ratione voluptatem sequi nesciunt. Neque porro quisquam est, qui dolorem ipsum quia dolor sit amet, consectetur, adipisci velit, sed quia non numquam eius modi tempora incidunt ut labore et dolore magnam aliquam quaerat volup	2019-05-13 15:27:00	Read
				nventore veritatis et quasi architecto beatae vitae dicta sunt explicabo. Nemo enim ipsam voluptatem quia voluptas sit		

MANAGE ISSUES:-



The screenshot shows the 'Manage Issues' page in the TOURISM MANAGEMENT SYSTEM. The page has a sidebar with navigation links: Dashboard, Tour Packages, Manage Users, Manage Booking, Manage Issues (selected), Manage Enquiries, and Manage Pages. The main content area shows a table with two rows of issue data. The table has columns: #, NAME, MOBILE NO., EMAIL ID, ISSUES, DESCRIPTION, POSTING DATE, and ACTION. The first row is for issue #006, and the second row is for issue #007. Both issues are 'Refund' type. The 'ACTION' column contains a 'View' link for each row.

#	NAME	MOBILE NO.	EMAIL ID	ISSUES	DESCRIPTION	POSTING DATE	ACTION
#006	Test demo	4543534534	demo@test.com	Refund	demo test.com demo test.com demo test.com demo test.com demo test.com	2019-05-14 00:45:37	View
#007	XYZ	8888888888	abc@g.com	Refund	test test test test test test test test test test test t	2019-05-14 00:56:46	View

Presented By | Praful Kumar Singh

MANAGE PAGE DATA:-

The screenshot displays the 'Update Page Data' interface within the TOURISM MANAGEMENT SYSTEM. The system has a green header bar with the title 'TOURISM MANAGEMENT SYSTEM' and a user profile 'Welcome Administrator'. A dark sidebar on the left contains navigation links: Dashboard, Tour Packages, Manage Users, Manage Booking, Manage Issues, Manage Enquiries, and Manage Pages. The main content area features a breadcrumb trail 'Home > Update Page Data' and a 'Window Size' button. The 'Update Page Data' section includes a 'Select page' dropdown menu currently showing '***SELECT ONE***', a 'Selected Page' label, and a 'Package Details' text area with a rich text editor toolbar. An 'UPDATE' button is positioned below the text area. The footer of the page reads 'Presented By | Praful Kumar Singh'.

localhost / 127.0.0.1 / tms / admin x TMS | Admin Package Creation x

localhost/tms/admin/manage-pages.php

TOURISM MANAGEMENT SYSTEM

Welcome Administrator

Home > Update Page Data

Update Page Data

Select page ***SELECT ONE***

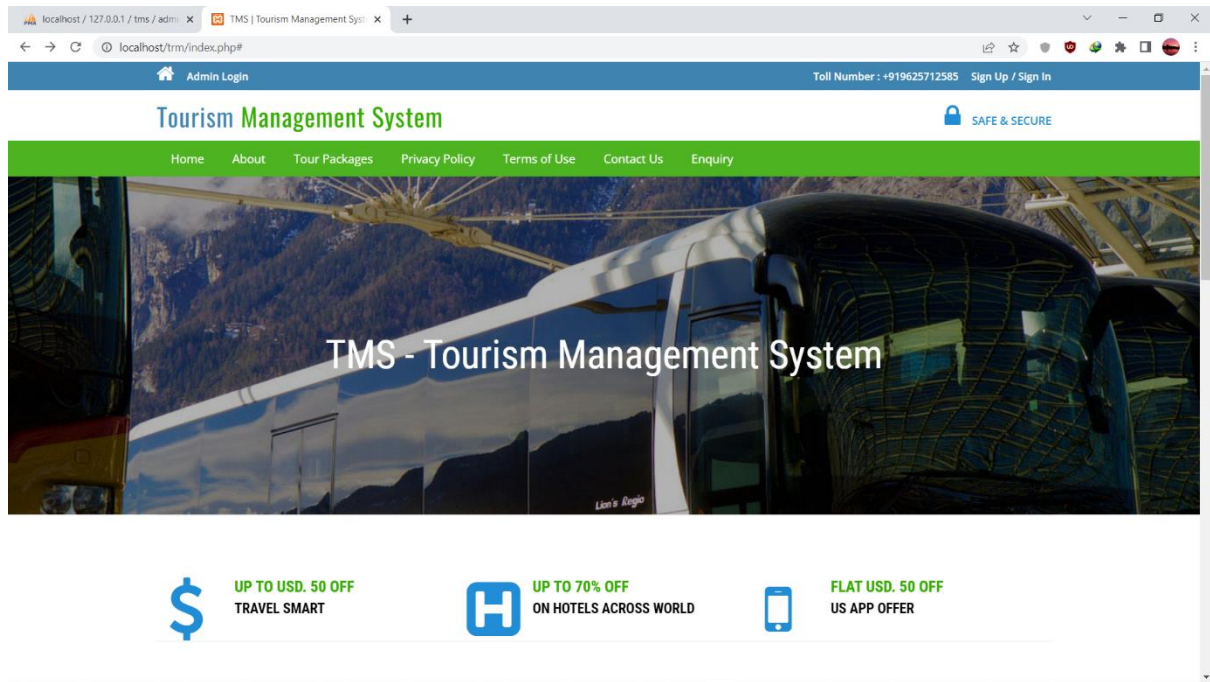
Selected Page

Package Details

UPDATE

Presented By | Praful Kumar Singh

HOME:-



SIGN UP:-

The screenshot displays a web browser window with the URL `localhost/trm/enquiry.php`. The page features a header with 'Admin Login', 'Toll Number : +919625712585', and 'Sign Up / Sign In' links. A 'SAFE & SECURE' badge is also present. The main content area includes a 'Tourism Management System' banner and an 'Enquiry Form' with fields for Full name, Email, Mobile No, and Subject. A 'Create your account' modal is overlaid on the page, providing a streamlined registration process. The modal contains 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 of the modal. A small text at the bottom of the modal states: 'By logging in you agree to our [Terms and Conditions](#) and [Privacy Policy](#)'.

localhost / 127.0.0.1 / trm / admin | TMS | Tourism Management System

localhost/trm/enquiry.php

Admin Login Toll Number : +919625712585 Sign Up / Sign In

SAFE & SECURE

Home About Tour Packages

Enquiry Form

Full name

Full Name

Email

Valid Email id

Mobile No

10 Digit mobile No

Subject

Subject

Create your account

Facebook

Google

Full Name

Mobile number

Email id

Password

CREATE ACCOUNT

By logging in you agree to our [Terms and Conditions](#) and [Privacy Policy](#)

SIGN IN:-

localhost / 127.0.0.1 / tms / admin x TMS | Tourism Management System x +

localhost/trm/enquiry.php

Admin Login Toll Number : +919625712585 Sign Up / Sign In

SAFE & SECURE

Signin with your account

Facebook

Google

Enter your Email

Password

Forgot password

SIGNIN

By logging in you agree to our [Terms and Conditions](#) and [Privacy Policy](#)

Enquiry Form

Full name

Full Name

Email

Valid Email id

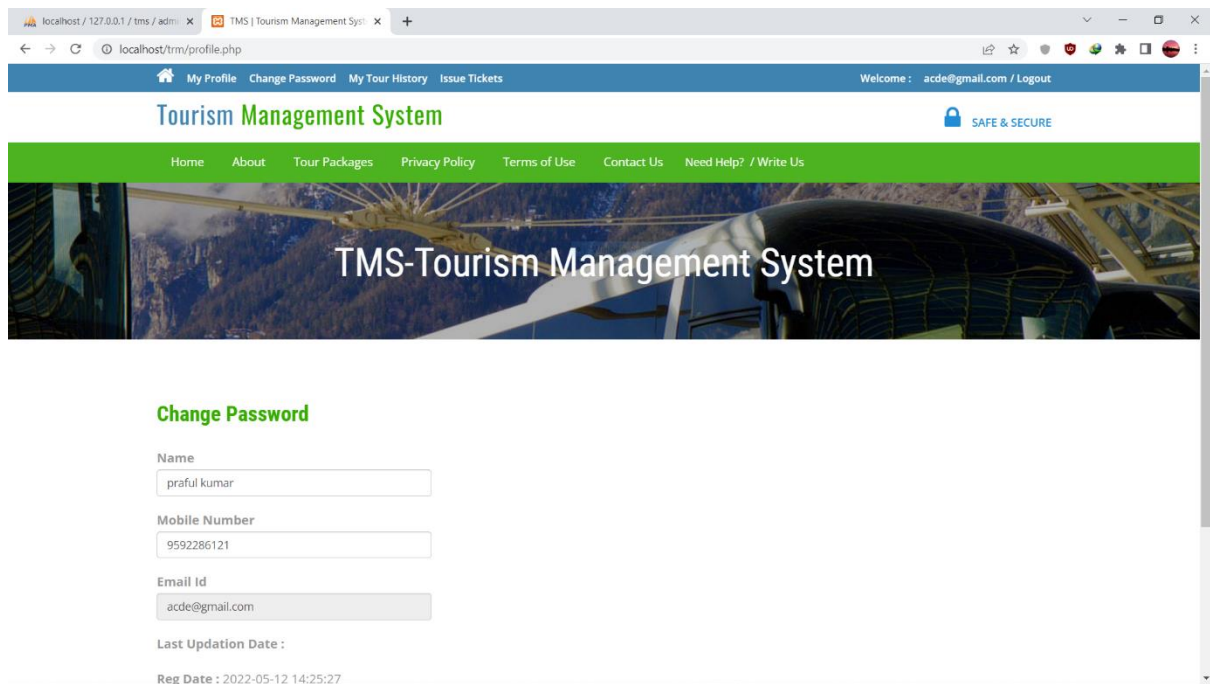
Mobile No

10 Digit mobile No

Subject

Subject

USER CHANGE PASSWORD:-



The screenshot shows a web browser window with the URL `localhost/127.0.0.1/tms/admin/` and the page title `TMS | Tourism Management Sys`. The browser address bar shows `localhost/trm/profile.php`. The page has a blue header with navigation links: [My Profile](#), [Change Password](#), [My Tour History](#), and [Issue Tickets](#). A welcome message says `Welcome : acde@gmail.com / Logout`. Below the header is a green navigation bar with links: [Home](#), [About](#), [Tour Packages](#), [Privacy Policy](#), [Terms of Use](#), [Contact Us](#), and [Need Help? / Write Us](#). The main content area features a large image of a cable car with the text `TMS-Tourism Management System`. Below this is a section titled `Change Password` with the following form fields:

Name

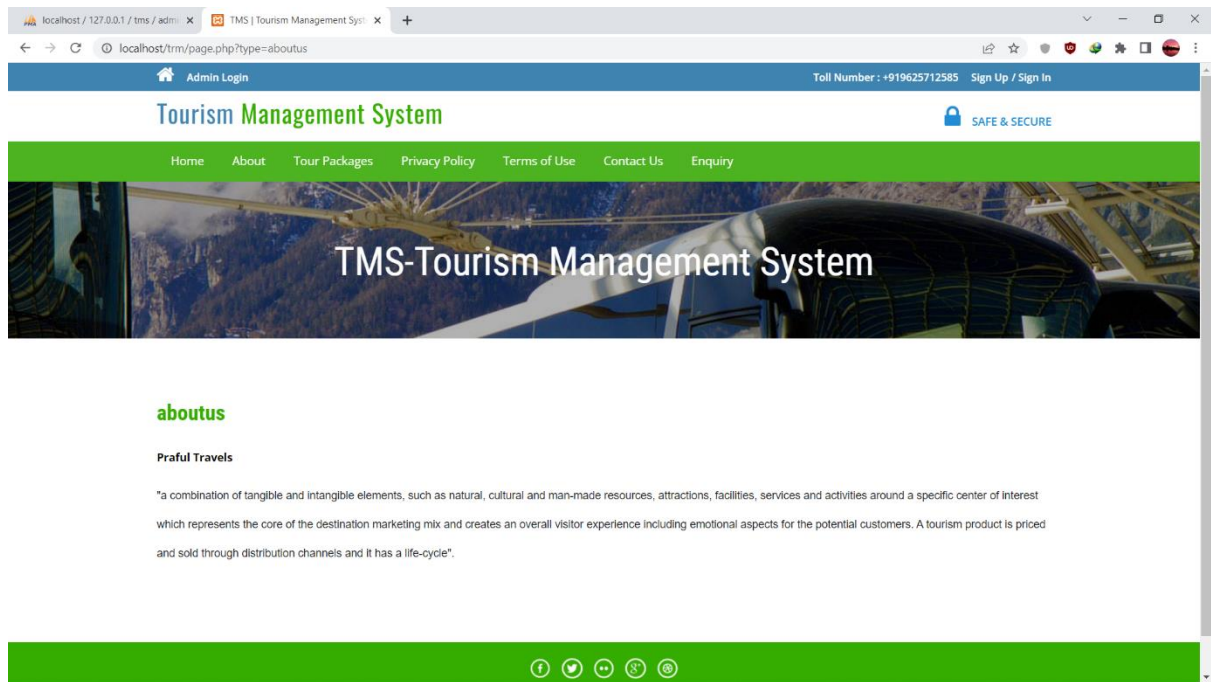
Mobile Number

Email Id

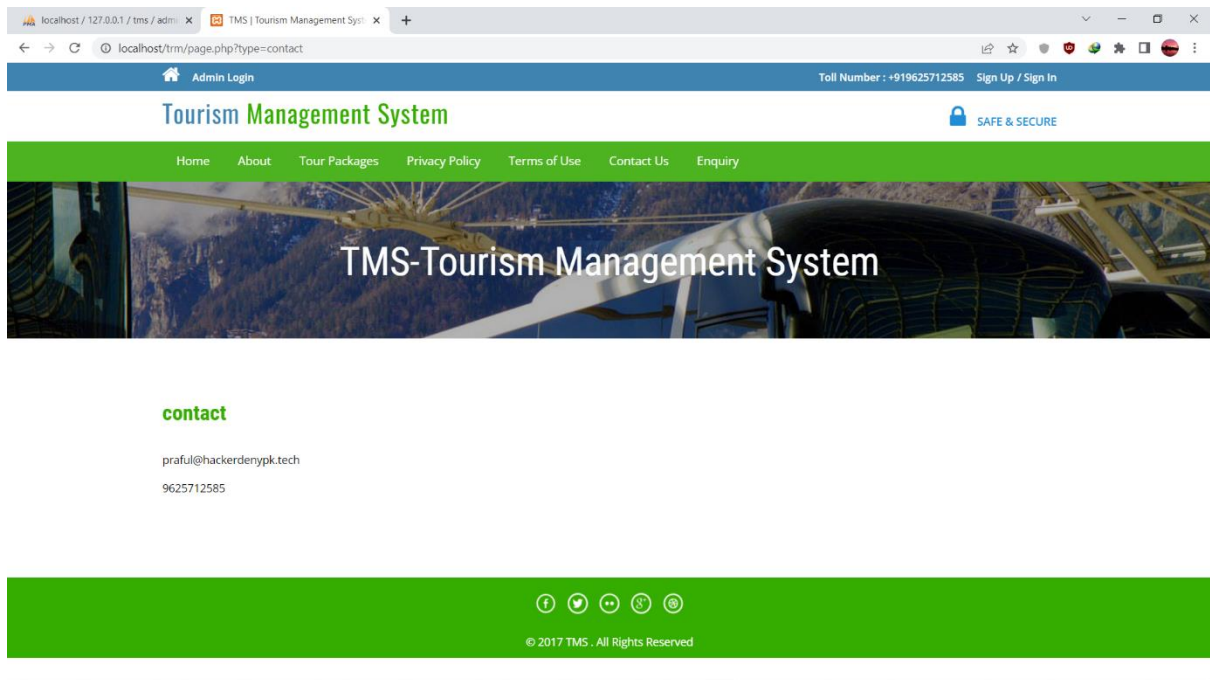
Last Updation Date :

Reg Date : 2022-05-12 14:25:27

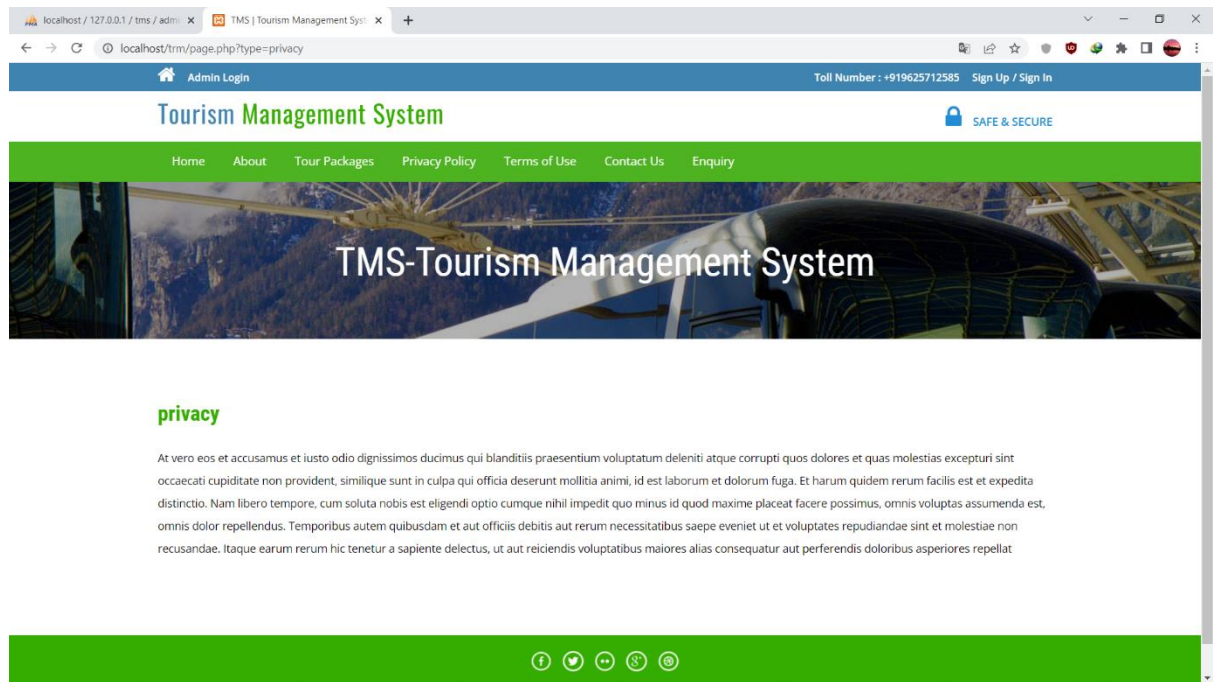
ABOUT US:-



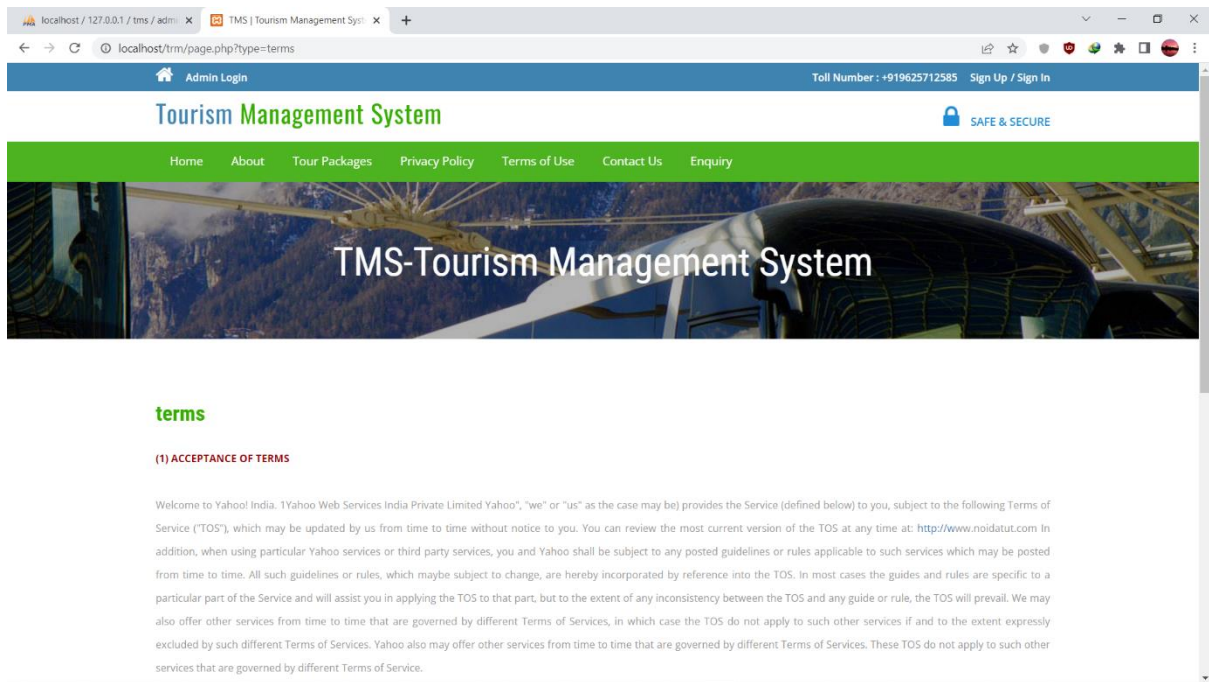
CONTACT US:-



PRIVACY:-



TERMS AND CONDITIONS:-



PACKAGE LIST:-

localhost / 127.0.0.1 / tms / admin

TMS | Package List

localhost/tms/package-list.php

Admin Login

Toll Number : +919625712585

Sign Up / Sign In


Tourism Management System

SAFE & SECURE

HomeAboutTour PackagesPrivacy PolicyTerms of UseContact UsEnquiry

TMS- Package List

Package List



Package Name: Manali Trip


Package Type : General

Package Location : Kullu Manali India

Features Air Conditioning ,Balcony / Terrace,Cable / Satellite / Pay TV available,Ceiling Fan,Hairdryer

USD 100

Details



Package Name: Lumbini

Package Type : General

Package Location : Lumbini, Nepal

Features Ac, Room, Vichels, Fishing, Steamer riding

USD 5000

Details

TOUR HISTORTY:-

localhost / 127.0.0.1 / tms / admin

TMS | Tourism Management System

localhost/tms/tour-history.php


My Profile Change Password My Tour History Issue Tickets

Welcome : acde@gmail.com / Logout

Tourism Management System

SAFE & SECURE

Home About Tour Packages Privacy Policy Terms of Use Contact Us Need Help? / Write Us



TMS-Tourism Management System

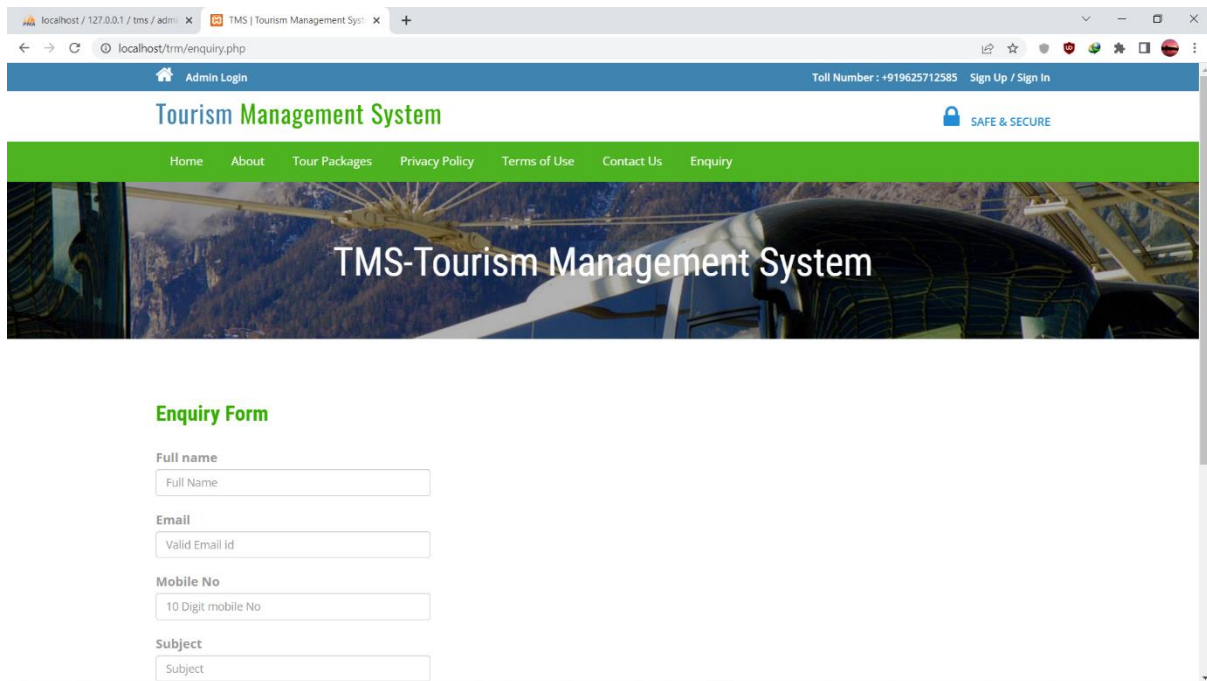
My Tour History

#	Booking Id	Package Name	From	To	Comment	Status	Booking Date	Action
1	#BK13	Manali Trip	2022-05-13	2022-05-17	gyfygvkjhk	Confirmed	2022-05-12 14:26:41	Cancel

[Facebook](#) [Twitter](#) [Instagram](#) [LinkedIn](#) [Pinterest](#)

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ENQUIRY FORM:-



The screenshot displays a web browser window with the URL `localhost/tms/enquiry.php`. The page features a blue header with 'Admin Login', 'Toll Number : +919625712585', and 'Sign Up / Sign in' links. A green navigation bar contains links for 'Home', 'About', 'Tour Packages', 'Privacy Policy', 'Terms of Use', 'Contact Us', and 'Enquiry'. The main content area has a background image of a cable car and the title 'TMS-Tourism Management System'. Below this is the 'Enquiry Form' section, which includes four input fields: 'Full name' (with placeholder 'Full Name'), 'Email' (with placeholder 'Valid Email id'), 'Mobile No' (with placeholder '10 Digit mobile No'), and 'Subject' (with placeholder 'Subject').

localhost / 127.0.0.1 / tms / admin x TMS | Tourism Management Syst x +

localhost/tms/enquiry.php

Admin Login Toll Number : +919625712585 Sign Up / Sign in

Tourism Management System SAFE & SECURE

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

TMS-Tourism Management System

Enquiry Form

Full name
Full Name

Email
Valid Email id

Mobile No
10 Digit mobile No

Subject
Subject

USER HELP:-

The screenshot shows a web browser window with the URL `localhost/tms/admin/` and the page title `TMS | Tourism Management System`. The page displays a navigation bar with links: `My Profile`, `Change Password`, `My Tour History`, and `Issue Tickets`. A user is logged in as `acde@gmail.com`. A modal form titled `HOW CAN WE HELP YOU` is open, featuring a `Select Issue` dropdown menu, a `description` text area, and a `Submit` button. Below the modal, the `Issue Tickets` section is visible, containing a table with the following headers: `#`, `Ticket Id`, `Issue`, `Description`, `Admin Remark`, `Reg Date`, and `Remark date`. The footer includes social media icons and the text `© 2017 TMS . All Rights Reserved`.

localhost / 127.0.0.1 / tms / admin / TMS | Tourism Management System

localhost/tms/admin/issuetickets.php

Welcome : acde@gmail.com / Logout

SAFE & SECURE

HOW CAN WE HELP YOU

Select Issue

description

Submit

Issue Tickets

#	Ticket Id	Issue	Description	Admin Remark	Reg Date	Remark date
---	-----------	-------	-------------	--------------	----------	-------------

© 2017 TMS . All Rights Reserved

DATABASE:-

localhost / 127.0.0.1 / tms | php: x TMS | Admin Dashboard x +

localhost/phpmyadmin/index.php?route=/database/structure&server=1&db=tms

phpMyAdmin

Recent Favorites

- New
- information_schema
- mysql
- performance_schema
- phpmyadmin
- test
- tms
 - New
 - admin
 - tblbooking
 - tblenquiry
 - tblissues
 - tblpages
 - tbltourpackages
 - tblusers

Filters

Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> admin		1	InnoDB	latin1_swedish_ci	16.0 K B	-
<input checked="" type="checkbox"/> tblbooking		12	InnoDB	latin1_swedish_ci	16.0 K B	-
<input type="checkbox"/> tblenquiry		4	InnoDB	latin1_swedish_ci	16.0 K B	-
<input type="checkbox"/> tblissues		7	InnoDB	latin1_swedish_ci	16.0 K B	-
<input type="checkbox"/> tblpages		4	MyISAM	latin1_swedish_ci	8.7 K B	-
<input type="checkbox"/> tbltourpackages		6	InnoDB	latin1_swedish_ci	16.0 K B	-
<input type="checkbox"/> tblusers		10	InnoDB	latin1_swedish_ci	48.0 K B	-
7 tables	Sum	44	InnoDB	utf8mb4_general_ci	136.7 K B	0 B

☐ Check all With selected:

Print Data dictionary

Create table

Name: Number of columns:

Go

Console

System analysis and Specification

3.1 System Analysis

System analysis is the process of studying the business processes and procedures, generally referred to as business systems, to see how they can operate and whether improvement is needed.

This may involve examining data movement and storage, technology used in the system, programs that control the ensure system, people providing inputs, doing the processing and receiving the outputs.

3.2 Investigation Phase

The investigation phase is also known as the fact-finding stage or the analysis of the current system. This is a detailed study conducted with the purpose of fully understand the existing system and to identify the basic information requirements. Various techniques may be used in fact-finding and all fact obtained must be recorded.

As it was essential for us to find out more about the present system, we used the following methods to gather the information: -

- 1.1.1 **Observation:** Necessary to see the way the system works first hand.
- 1.1.2 **Document sampling:** - These are all the documents that are used in the system. They are necessary to check all the data that enters and leaves the system.

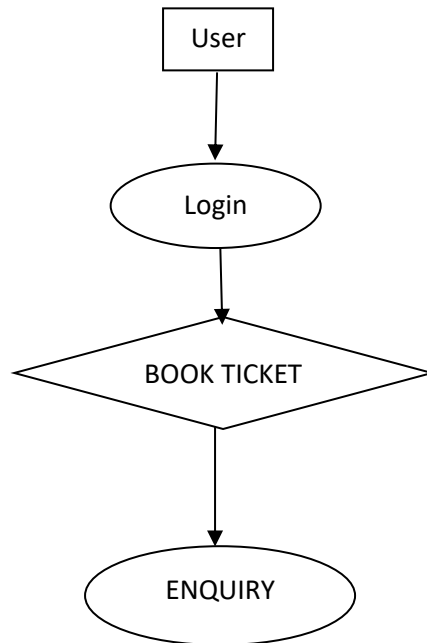
System Design

4.1 Data Flow Diagram

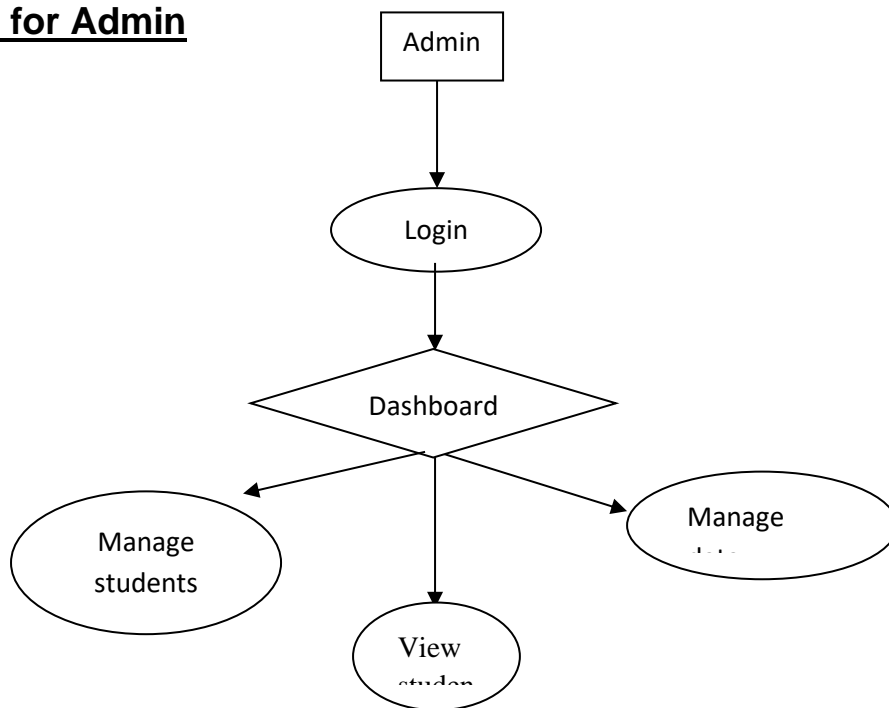
Data flow diagram (DFD) represents the flows of data between different processes in a business. It is a graphical technique that depicts information flow and the transforms that are applied as data move from input to output. It provides a simple, intuitive method for describing business processes without focusing on the details of computer systems. The data flow diagram is also known as “bubble chart”. A DFD consists of series of a bubbles joined by lines. The bubbles represent data transformation and the lines represent the data flow in the systems.

Data flowcharts can range from simple, even hand-drawn process overviews, to in-depth, multi-level DFDs that dig progressively deeper into how the data is handled. They can be used to analyze an existing system or model a new one. Like all the best diagrams and charts, a DFD can often visually “say” things that would be hard to explain in words, and they work for both technical and nontechnical audiences, from developer to CEO. That’s why DFDs remain so popular after all these years. While they work well for data flow software and systems, they are less applicable nowadays to visualizing interactive, real-time or database-oriented software or systems.

DFD for user

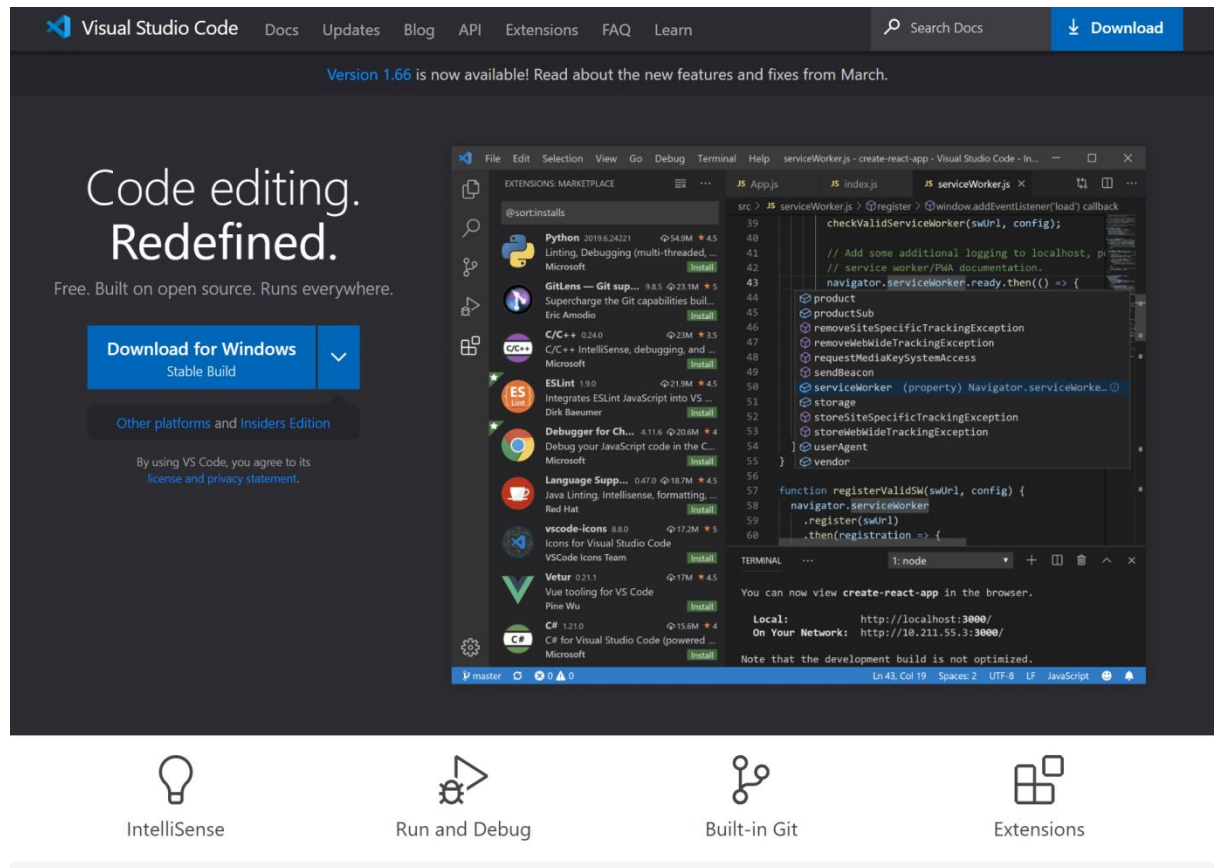


DFD for Admin



Practical Application and Implementation

5.1 VS CODE



Visual Studio Code, also commonly referred to as VS Code, is a source-code editor made by Microsoft for Windows, Linux and macOS. Features include support for debugging, syntax highlighting, intelligent code completion, snippets, code refactoring, and embedded Git. Users can change the theme, keyboard shortcuts, preferences, and install extensions that add additional

5.2 PHPMyAdmin

PHPMyAdmin is open source free software, designed to handle the administration and management of MySQL databases through a graphic user interface. Written in PHP, PHPMyAdmin has become one of the most popular web-based MySQL management tools. PHPMyAdmin comes with detailed documentation and is being supported by a large multi-language community. PHPMyAdmin ever growing list of features supports all commonly used operations such as browsing, dropping, creating, altering MySQL databases, tables, fields and indexes. Also, PHPMyAdmin enables you to manage MySQL users and user privileges.

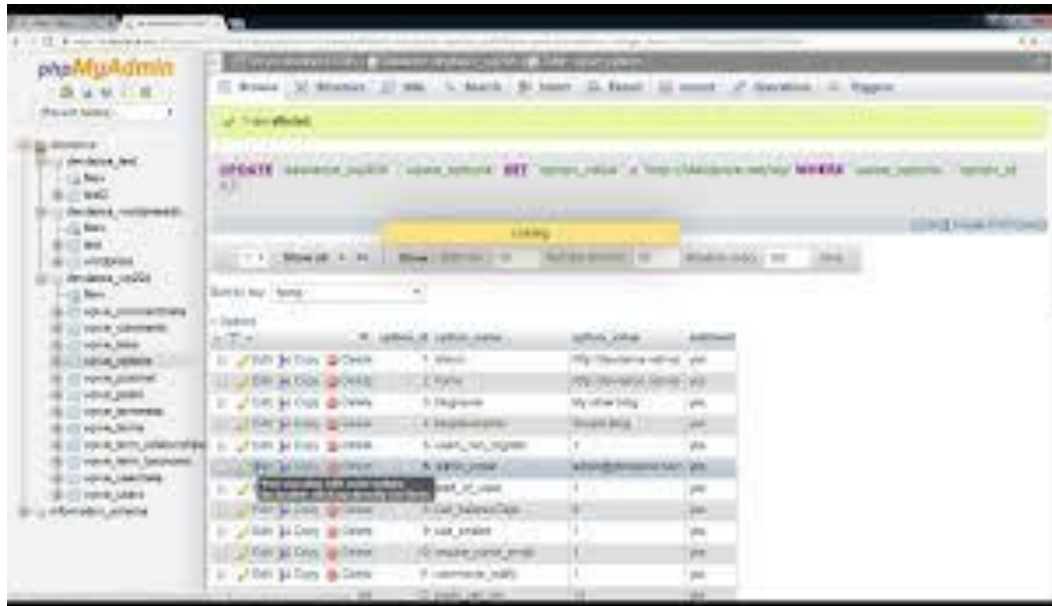
Another commonly used PHPMyAdmin feature is its import function. With PHPMyAdmin, MySQL database import from backup is made easy and you can import an SQL database with a few mouse clicks. phpMyAdmin comes with a wide range of [documentation](#) and users are welcome to update [our wiki pages](#) to share ideas and howtos for various operations.

The [phpMyAdmin team](#) will try to help you if you face any problem; you can use a [variety of support channels](#) to get help.phpMyAdmin is also very deeply documented in a book written by one of the developers – [Mastering phpMyAdmin for Effective MySQL Management](#), which is available in English and [Spanish](#).

To ease usage to a wide range of people, phpMyAdmin is being translated into [72 languages](#) and supports both LTR and RTL languages.

phpMyAdmin is a mature project with a stable and flexible code base; you can find out more about the [project and its history](#) and the [awards](#) it earned. When the project turned 15, we published a [celebration page](#).

The phpMyAdmin project is a member of [Software Freedom Conservancy](#). SFC is a not-for-profit organization that helps promote, improve, develop, and defend Free, Libre, and Open Source Software (FLOSS) projects.



(phpMyAdmin)

Create a new table in phpMyAdmin

Navigate to your cPanel->**phpMyAdmin** tool and open the newly **create database**. It is empty and there are no tables. Enter the table name and the number of fields. Click on the Go button to **create** the table.

Import data from CSV and SQLExport data to various formats: CSV, SQL, XML, PDF, ISO/IEC 26300 –

Open Document Text and Spreadsheet, Word, L^AT_EX and others

Administering multiple servers

Creating graphics of your database layout in various formats

Creating complex queries using Query-by-example (QBE)

Searching globally in a database or a subset of it

Reference

The system must have the following software requirements:

6.1 Wamp Server:

Stands for "Windows, Apache, MySQL, and PHP." WAMP is a variation of [LAMP](#) for Windows systems and is often installed as a [software](#) bundle (Apache, MySQL, and PHP). It is often used for [web development](#) and internal testing, but may also be used to Server live websites.

The most important part of the WAMP package is [Apache](#) (or "Apache HTTP Server") which is used run the [web server](#) within Windows. By running a local Apache Web server on a Windows machine, a web developer can test [WebPages](#) in a [web browser](#). WAMP also includes [MySQL](#) and [PHP](#), which are two of the most common technologies Used for creating [dynamic websites](#). MySQL is a high-speed database, while PHP is a Scripting language that can be used to access data from the database. By installing these Two components locally, a developer can build and test a dynamic website before Publishing it to a public web server.

While Apache, MySQL, and PHP are open source components that can be installed Individually, they are usually installed together. One popular package is called "WampServer," which provides a user-friendly way to install and configure the "AMP" Components on Windows.

6.2 HTML:

HTML is a **markup** language for **describing** web documents (web pages).

6.2.1 HTML stands for **H**yper **T**ext **M**arkup **L**anguage.

6.2.2 A markup language is a set of **markup tags**.

6.2.3 HTML documents are described by **HTML tags**.

6.2.4 Each HTML tag **describes** different document content.

6.3JavaScript:

JavaScript is a programming language. We use it to define behavior of web pages. It is also lightweight and an interpreted programming language.

In 1993, Mosaic, the first popular web browser, came into existence. In the year 1994, Netscape was founded by Marc Andreessen. He realized that the web needed to become more dynamic. Thus, a 'glue language' was believed to be provided to HTML to make web designing easy for designers and part-time programmers. Consequently, in 1995, the company recruited Brendan

JavaScript is a MUST for students and working professionals to become a great Software Engineer especially when they are working in Web Development Domain. I will list down some of the key advantages of learning JavaScript: 1. JavaScript is the most popular programming language in the world and that makes it a programmer's great choice. Once you learnt JavaScript...

There are following features of JavaScript:

1. All popular web browsers support JavaScript as they provide built-in execution environments.
2. JavaScript follows the syntax and structure of the C programming language. Thus, it is a structured programming language.
3. JavaScript is a weakly typed language, where certain types are implicitly cast (depending on the operation).

JavaScript is used to create interactive websites. It is mainly used for:

- Client-side validation.

6.4 CSS-CASCADING STYLE SHEET:

CSS is a language used to detail the presentation of a web page's markup language (most commonly HTML or XHTML) – such as colors, fonts, and layout. One of its key benefits is the way it allows the separation of document content (written in HTML or a similar markup language) from document presentation (written in CSS). In other words we can say that, CSS is a language that describes the style of an HTML document. CSS describes how HTML elements should be displayed.

Cascading Style Sheets (CSS) is a programming language that's useful to determine the design of electronic documents. With the help of simple instructions – presented as clear source code – website elements such as layout, color, and typography can be adapted as is desired. Thanks to the Cascading Style Sheets, the semantic structure and the content of the document remain unaffected. CSS emerged in the mid-1990s and is now considered the **standard style sheet language** across the World Wide Web.

6.5 AJAX:

AJAX is an acronym for **Asynchronous JavaScript and XML**. It is a group of Inter-related technologies like JavaScript, DOM, XML, HTML, CSS etc.

AJAX allows you to send and receive data asynchronously without reloading The web page. So it is fast.

AJAX allows you to send only important information to the server not the entire Page. So only valuable data from the client side is routed to the server side. It Makes your application interactive and faster.

An object of **XMLHttpRequest** is used for asynchronous communication between client and server.

It performs following operations:

1. Sends data from the client in the background.
2. Receives the data from the server.
3. Updates the webpage without reloading it.

THANKS...