

**MINI PROJECT-II  
(2019-2020)**

**TOURS AND TRAVELS  
(Web Development)**

Project Report

**Department of Computer Engineering &  
Applications**

**Institute of Engineering & Technology**



**GLA**  
**UNIVERSITY**  
**MATHURA**  
Established vide U.P. Act 21 of 2010.

**SUBMITTED TO:**

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(Assistant Professor)

**SUBMITTED BY:**

Shubham Singh (171500335)  
Saurabh Chhonkar (171500299)  
Prabhat Kumar (171500219)

## **ACKNOWLEDGEMENT**

It gives us a great sense of pleasure to present the synopsis of the B.Tech Mini Project-II (**TOURS AND TRAVELS**) undertaken during B.Tech III<sup>rd</sup> Year. This project in itself is going to be an acknowledgement to the inspiration, drive and technical assistance will be contributed to it by many individuals.

We owe special debt of gratitude to **Mr. Pankaj Kapoor**, Assistant Professor Department of CEA, for providing us with an encouraging platform to develop this project, which thus helped us in shaping our abilities towards a constructive goal and for his constant support and guidance to our work. His sincerity, thoroughness and perseverance is been a constant source of inspiration for us. We believe that he will shower us with all his extensively experienced ideas and insightful comments at different stages of the project & also taught us about the latest industry-oriented technologies.

We also do not like to miss the opportunity to acknowledge the contribution of all faculty members of the department for their kind guidance and co-operation.

Shubham Singh

(171500335)

Saurabh Chhonkar

(171500299)

Prabhat Kumar

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## **Abstract**

The report presents the three tasks that is being in continuation during college time at GLA University which are listed below:

1. Understanding of the Problem objective & implication.
2. Understanding of the data & building of the model.
3. Evaluation of the model.

All these tasks have been completed successfully and results were according to expectations. All the tasks were need very systematic approach, starting from the collection of the data to the implementation of the solution and till evaluation of the System. The most challenging task was the domain knowledge, to understand the language. It is one of the major areas and really need very fundamental and conceptual knowledge of HTML, CSS, PHP, MySQL.

# **TOURS AND TRAVELS**

(WEB DEVELOPMENT)

The project **TOURS AND TRAVELS** aims to provide online bus ticketing platform providing ticket booking facility through its website, it connects bus travelers with a network of over 2500 bus operators across India. The objective of this project is to develop a system that automates the processes and activities of a travel agency. In this project, we will make an easier task of searching places and for booking bus. 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 and ecological influences. It is tedious for a customer to plan a particular journey and have it executed properly. The project 'Tours and Travels Website' is developed to replace the currently existing system, which helps in keeping records of the customer details of destination as well as payment received.

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# **Introduction**

## **1.1 Overview**

- All the functional/non-functional requirements, corresponding DFD's, UML and Use Case Diagrams have been organized in the report. Along with designs, the report also contain the essential data of this project.
- The complete description of the application followed by the functionalities has been listed initially. Later on, the Webpage has been described diagrammatically with the help of different designing tools.

## **1.2 Motivation**

In current scenario, people do not get real exposure of traveling. They just make themselves so busy in making arrangements many other activities like this. In order to experience the real part of traveling you need to get rid of all this problem of arrangements and you need to enjoy every moment of the traveling that is why our main motto to make is website is **“YOU PLAN WE WILL ARRANGE”**.

So, we come up with this idea of making a webpage for helping such people where they can find all the needed information at one place.

The basic advantage of this project is that it is time saving as it saves the time of the people which was wasted in browsing the same information on different sites.

## **1.3 Problem Statement**

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.

## **1.4 Objective**

This application is developed to provide best travelling services to the customers and travel agents. We have developed tours and travel system to provide a search platform where a tourist can find their tour places according to their choices. This system also helps to promote responsible and interesting tourism so that people can enjoy their holidays at their favorable places.

## **Domain and Requirement Analysis**

### **2.1 System Analysis**

System analysis is a process of collecting and interpreting facts, identifying the problems, and decomposition of the system into its components.

It is a process of studying a system in order to define its goals or purposes and to discover operations and procedures for accomplishing them most efficiently.

### **2.2 Role of System Analyst**

The system analyst is a person who is thoroughly aware of the system and guides the system development project by giving proper directions. He is an expert having technical and interpersonal skills to carry out development tasks required at each phase.

#### **2.2.1 Main Roles of System Analyst:**

- Defining and understanding the requirement of user through various fact finding techniques.
- Prioritizing the requirements by obtaining user consensus.
- Maintains analysis and evaluation to arrive at appropriate system which is more user friendly.
- Draw certain specifications which are easily understood by users and programmer in precise and detailed form.
- Implement the logical design of system which must be modular

## **2.3 Methodology**

Our methodology is designed to help you take maximum advantage of the internet technologies. It incorporate all aspects related to our website and allows us to ensure that the final product is of the highest standards. Below are the steps we will take to ensure that all your deliverables are completed in time, within budget also we will try to solve each and every problem efficiently.

## **2.4 Requirements analysis**

The first step for us is to analyze you and your target market's requirements. Who will be visiting your website, what will be the purpose of their visit, what is the primary goal of your website, how can your organization best cater to their needs etc. Many such questions are analyzed for the Needs Analysis stage.

If we are given access to the current website statistics, we would also like to analyze your current page views, average user time spent on the site, top landing pages, existing search engine rankings, existing bounce rates and many such factors. We analyze your online target audience and assess your differentiation strategy to best attract and retain your online visitors.

Your website will also undergo comprehensive search engine analysis twice during the course of the project; once during this stage and once again after the deployment (Go Live phase) of your website.

## **Formulate digital strategy**

Based on the needs analysis, we determine the factors that will best serve your website. We look at the trends in the market to ensure that you have the latest technology, components and elements. We take time to think outside the box and give consideration to more than your present-day business needs so that your website can sustain any upcoming future needs.



## **Web-page conceptualization**

We consider this stage to be one of the most crucial factors in any project. We justify every single aspect of the design to ensure that each element is serving a specific need and the website is truly designed to attract, retain and enhance the end user- experience.

We will be to develop three custom built, high-end website design templates or concepts, incorporating your marketing and communication strategy. Many thought processes and brainstorming will go into this process to create a design that is serving your existing needs as well as is sustainable with the future growth. Together with your input, we'll come up with the designs that will effectively communicate your brand and online identity to your stake holders.

The finalised concepts or templates will then be used for two other internal pages to give you an understanding of how internal content intensive pages will look. At this stage, we will submit designs and concepts for your review and feedback.

## **Web Development**

Once we have received your acceptance of the detailed design, we proceed to the HTML development and CMS configuration phase. Primary and Secondary keywords or key-phrases are used throughout the development.

The HTML are prepared in accordance with the W3C standards. Our well experienced team has in-depth understanding of the W3C standards such as CSS, XHTML etc. Your websites will be built using these proven standards.

Once all developments are done, we proceed to the Testing phase, where features of your website and the Content Management System is tested rigorously.

Once the preliminary testing is done, we then proceed to the multi-browser test, where your website is tested over major browsers such as IE, Firefox & Safari as a standard practice. If you require your website to be tested on more browser, simply ask us to have them included in the testing phase for your project.

For your information, the latest worldwide browser statistics are as follows.

As discussed previously, we would also like to analyse browser and platform statistics of your website at the planning phase to ensure that your new website is built accordingly.

### **Evaluation and fine-tuning**

Once website is passed through the preliminary testing phase, we can handover the site for User Acceptance Testing to you if UAT is required. Upon receiving User Acceptance Testing signoff from you and based on your feedback, we will do the necessary changes to the website.

Once all cleared from your end, we will proceed to the Data Migration phase.

### **Data Migration phase**

Once we have received the UAT signoff, we will proceed to migrate all data from your current website to your new website. You can alternatively provide new content in a word document (one document per page). Depending upon your project, migration is done manually, one page at a time. The content is also organised based on the new navigation panel and site structure. We also keep your primary and secondary keywords in mind while migrating the content over, so that you can take maximum advantage of the search engine indexes.

### **Pre-deployment phase**

Once the data has been ready, we submit the site for your review for final feedbacks. Once cleared, we will setup the site on the server where it is going to be deployed. Once setup on your server, website undergoes testing again to

ensure that data- integrity and quality of deliverables are maintained. The site will ready for the final deployment once pre-deployment phase is done.

### **Website handover**

Once the site is setup on your destination server, upon your approval we make the website live. One final set of testing is done on the live website for the quality assurance purposes. We then hand over the control of the site to you.

#### **HARDWARE REQUIREMENT (MINIMUM)**

- 2 GB RAM
- 20 GB OF HARDDISK
- Processor i3 (7<sup>th</sup> Gen)
- 1024 x 768 Display
- Internet

#### **SOFTWARE REQUIREMENT-**

- SYSTEM SOFTWARE
  - Operating System (Windows, Linux)
  - Web Browser
- APPLICATION SOFTWARE
  - Front-End:
    - HTML
    - CSS
    - JavaScript
    - Bootstrap
  - Back-End:
    - DBMS
    - Php

- **Server:**
  - Xampp Server

## **2.5 Dependencies/External Systems**

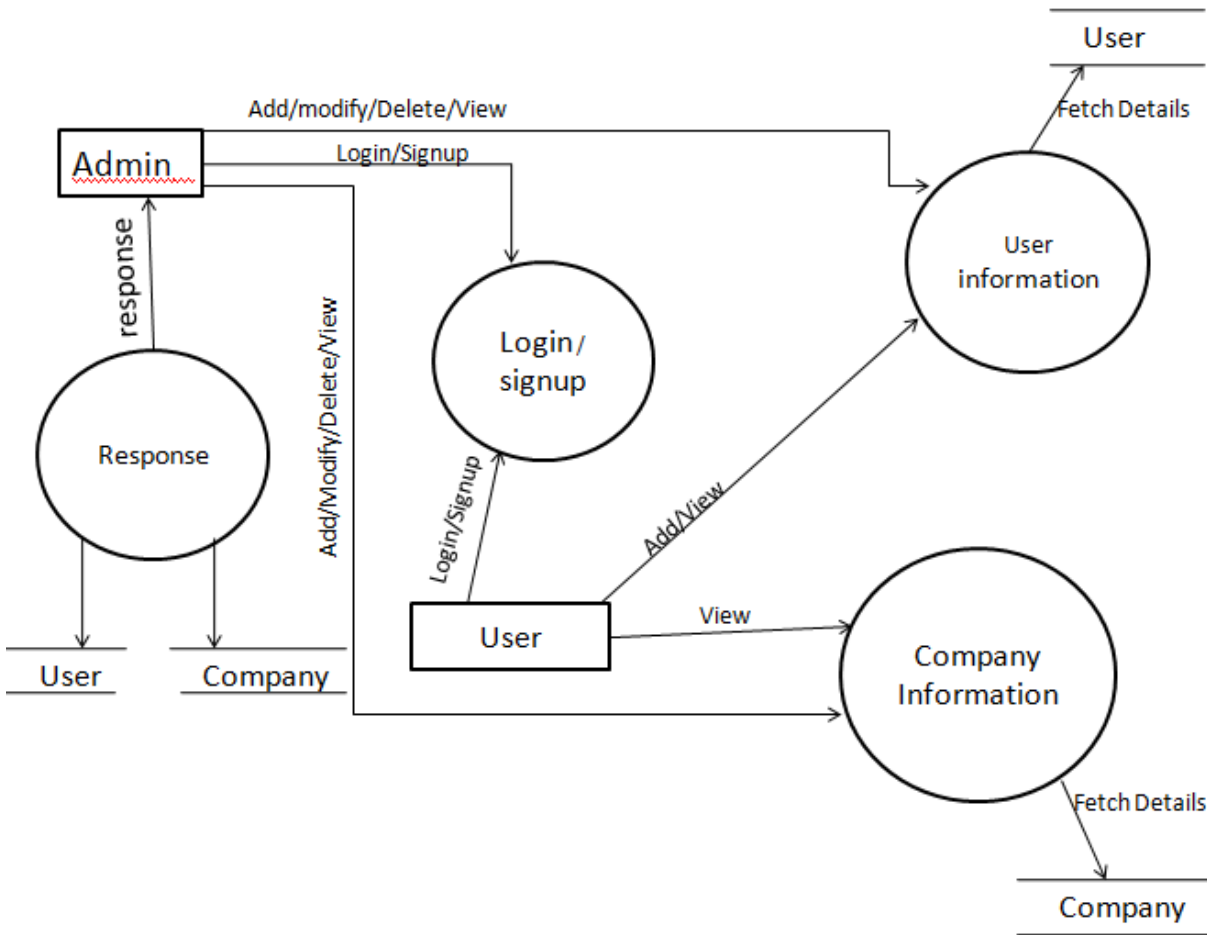
### **User Interfaces:**

UI-1: The GLAU Club Store portal shall permit complete navigation; including all the functionalities described above, starting from a simple visit to the final step of viewing a registration made after payment, on any device capable enough to run a browser. That is, to say, the portal is universally accessible on almost all PCs and smart phones.

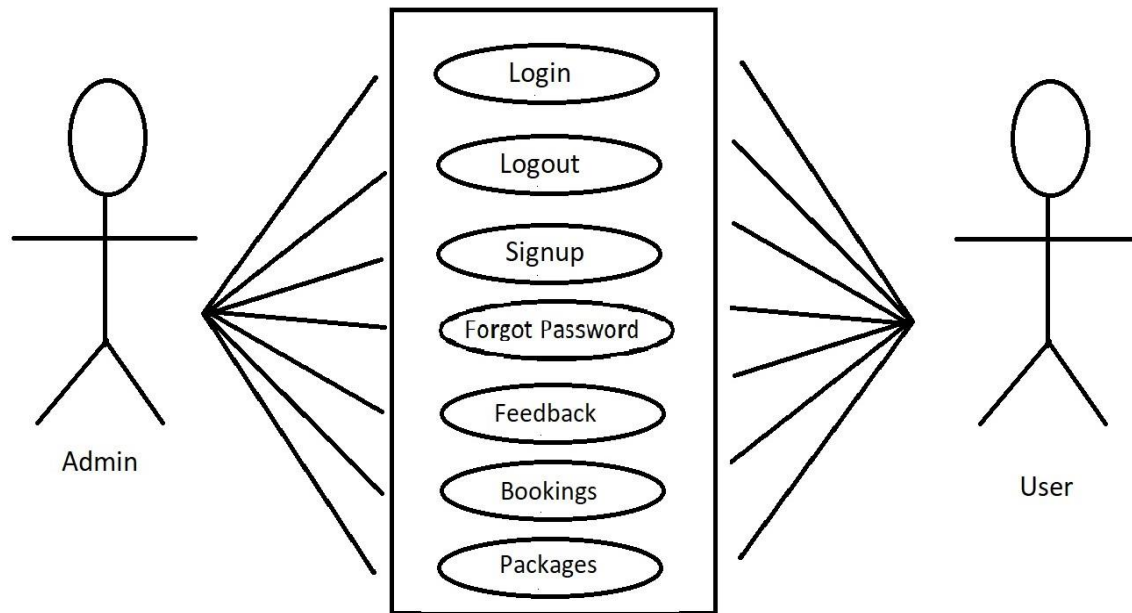
### **Hardware Interfaces:**

There are three external machines/devices used by the portal, each related to a user interface. These are a server machine at the admin end, hosting the portal, a PC at club's end, keeping log of the registration and membership entries made to them & providing them with an interface to do their part of functionality offered, last one is a PC or a smart phone at user's end to access the portal. The devices at the user end behave as terminals and not for storing any type of data. Also capable of taking user input. All order and transaction should be stored on server.

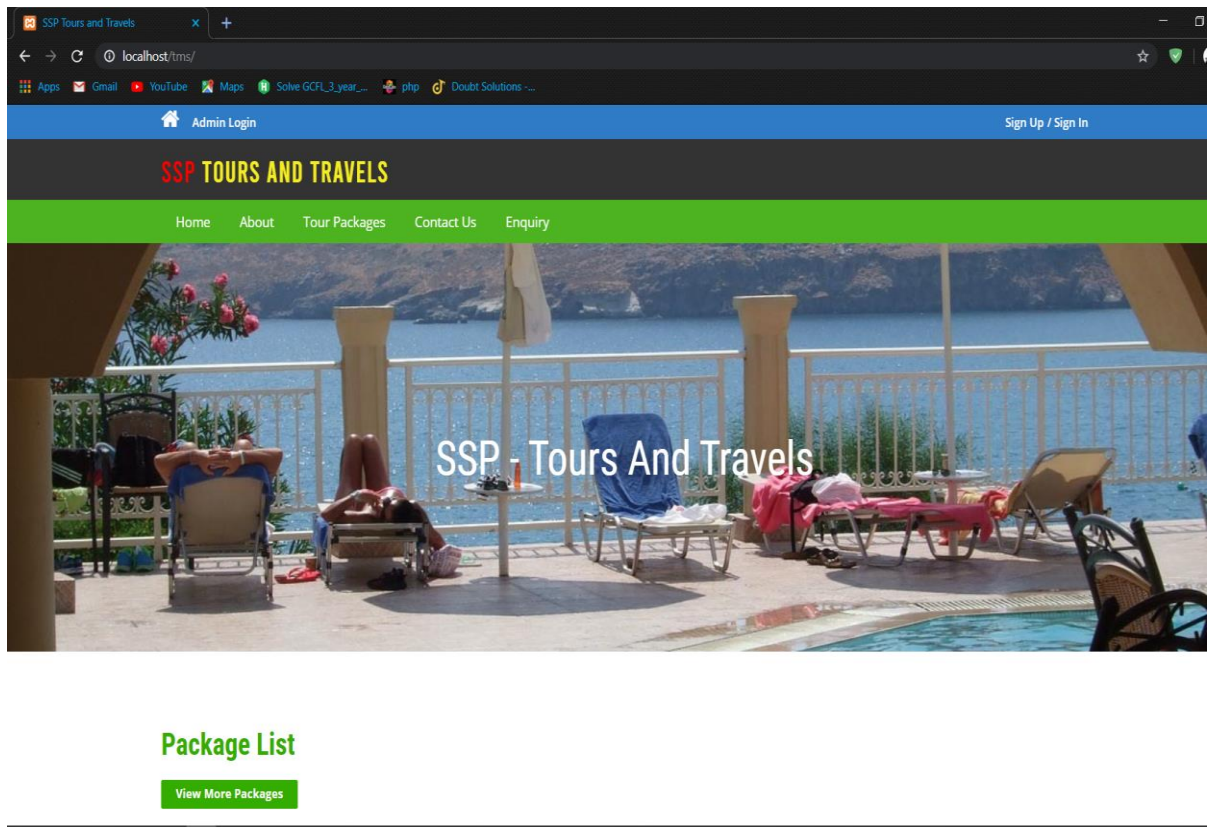
## 2.6 DFD ( level1)

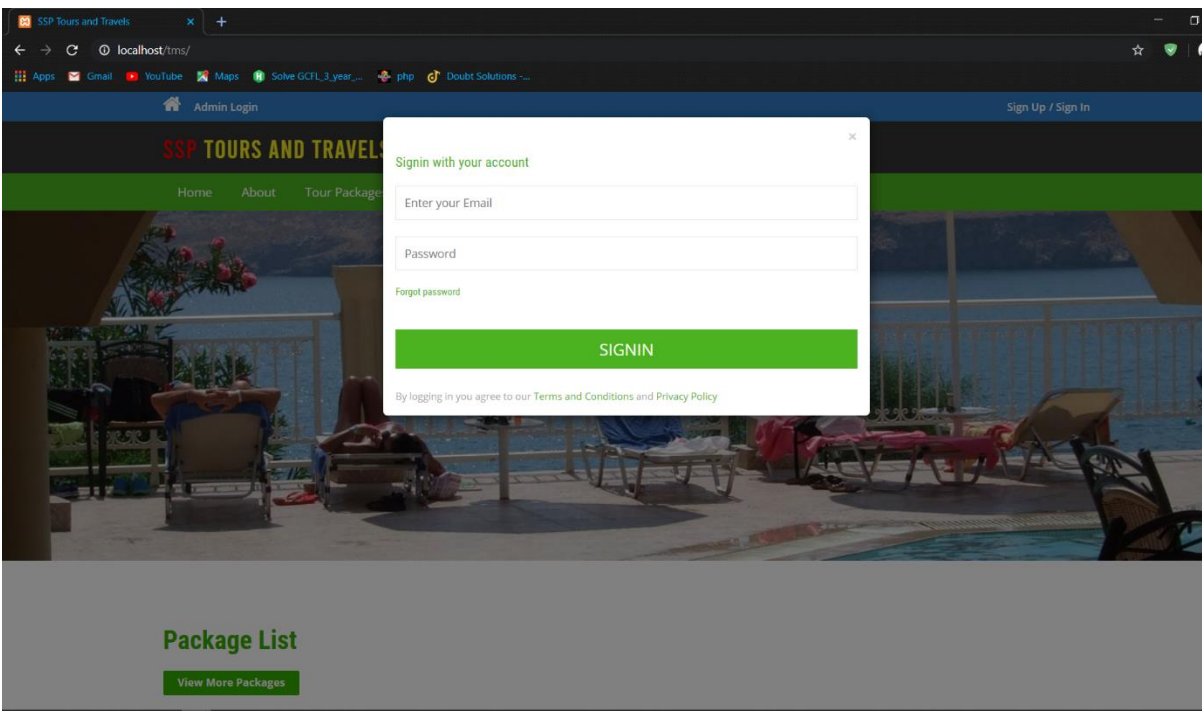
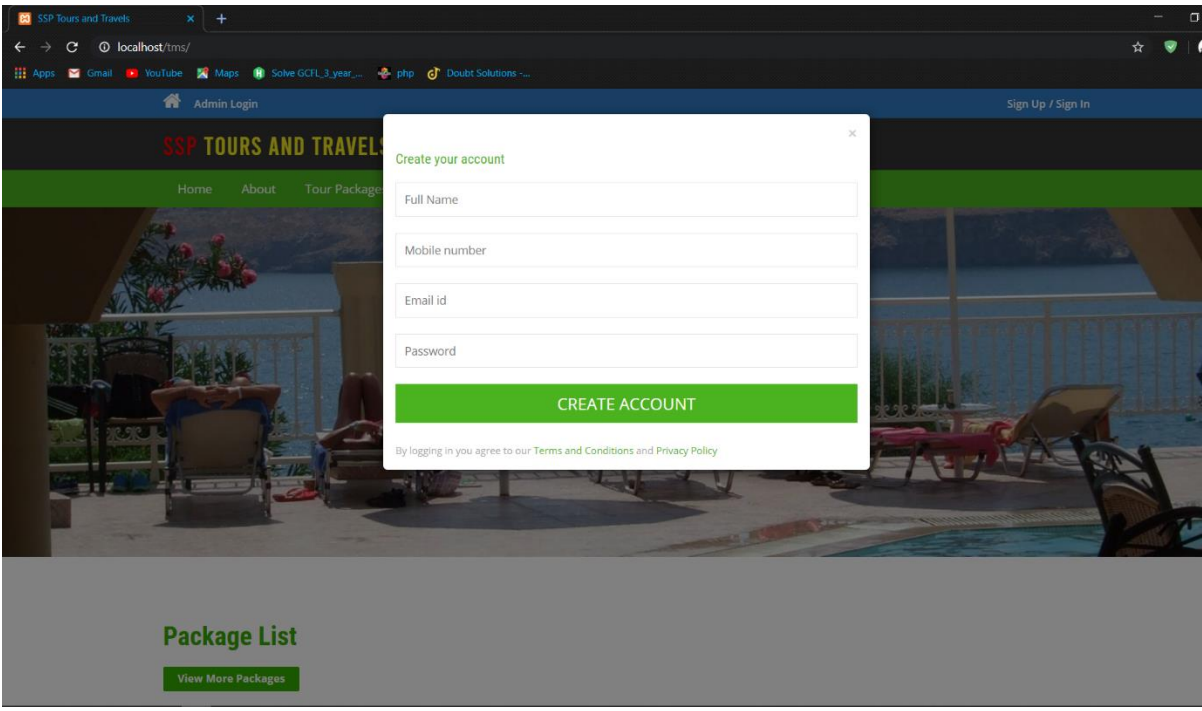


## 2.7 Use-case Diagram

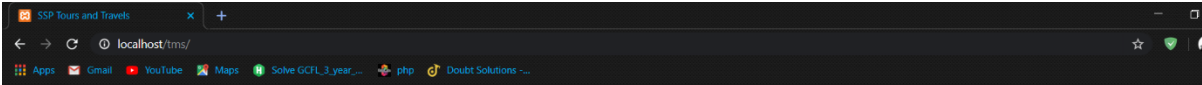


# Implementation Details










## Package List



**Package Name: Full Package**

Package Type : Couple

Package Location : Goa

Features hotel Included

USD 15000

Details

[View More Packages](#)



**80000**  
Enquiries



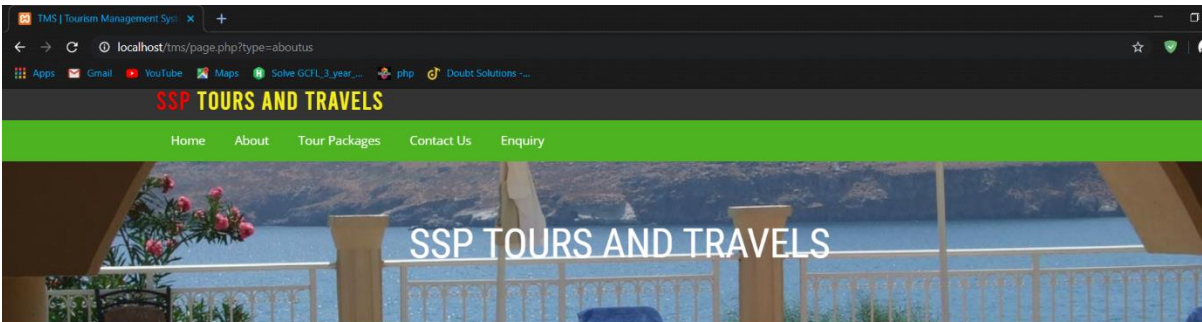
**1900**  
Registered users



**7,00,00,000+**  
Booking



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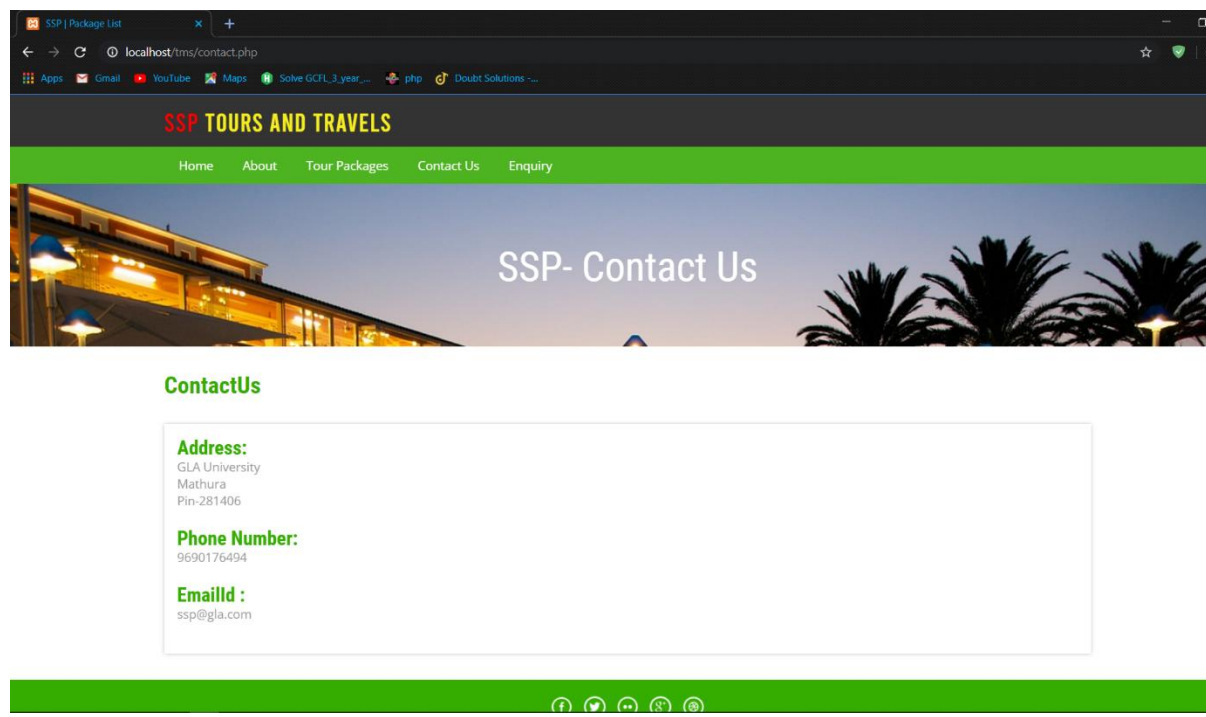
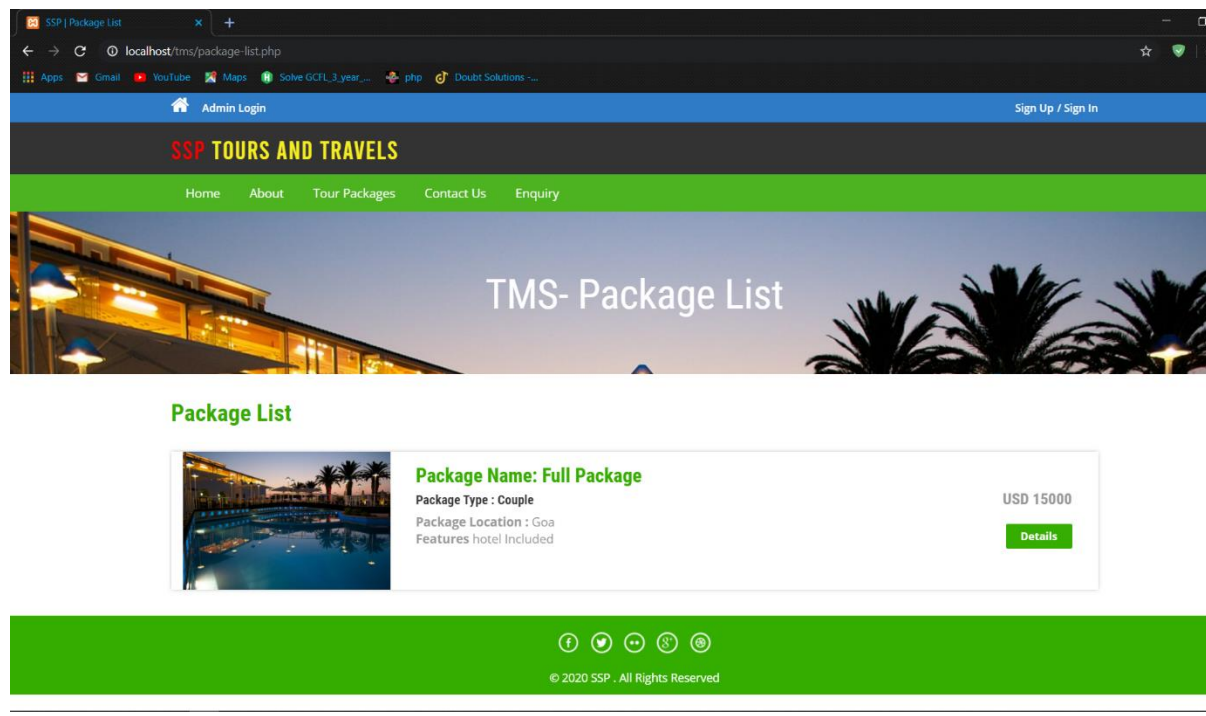


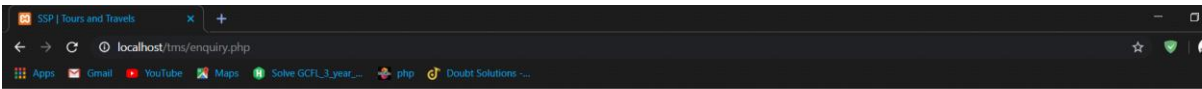
## About Us

SSP Tours and Travels is a family-owned tour operator and travel agency located in Boston, MA.

We specialize in tours to Ireland but are always expanding and enhancing our wide range of offers, as well as adding new and exciting tours of Britain, Italy, Eastern Europe, Mexico and the Caribbean.

A family-owned business based in Boston, Crystal Travel was founded in 1985 by Jim & Teresa Kelly and since that humble beginning it has grown into a trusted resource that has helped tens of thousands of people better enjoy their travel.





## ENQUIRY FORM

Full name

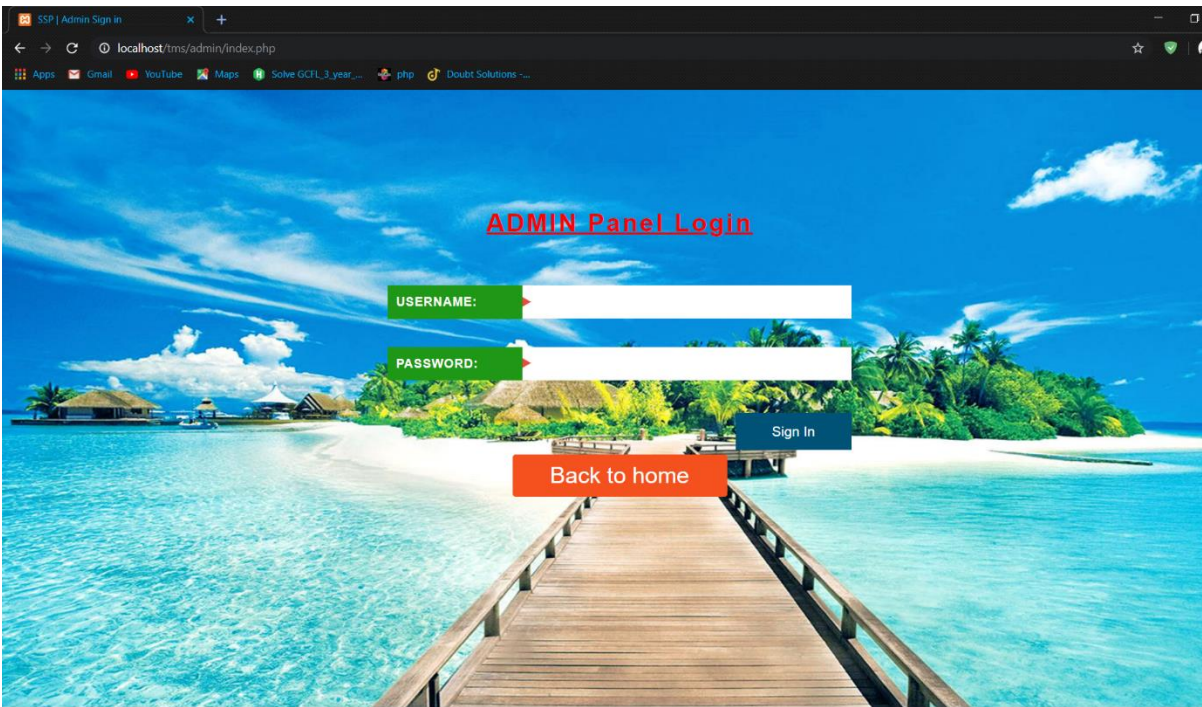
Email

Mobile No

Subject

Description

Submit



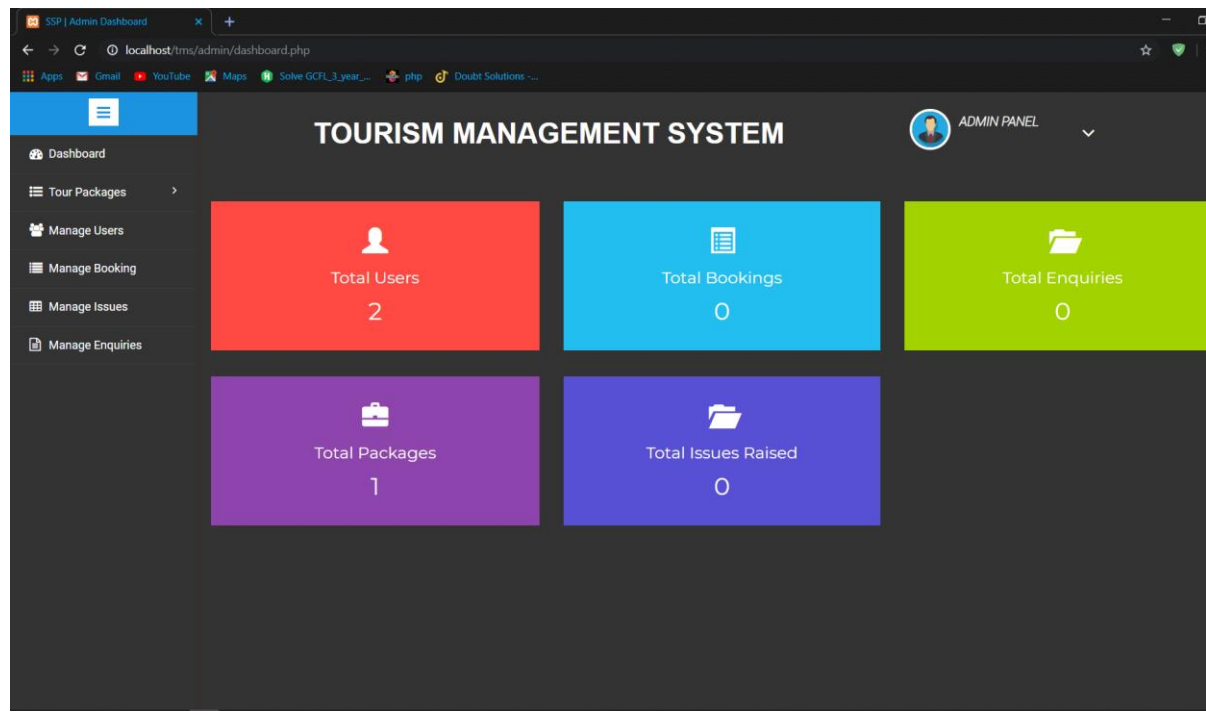
## ADMIN Panel Login

USERNAME:

PASSWORD:

Sign In

Back to home



The screenshot shows the 'ADMIN PANEL' of the 'TOURISM MANAGEMENT SYSTEM' with the 'Add New Package' form. The form includes the following fields:

- Package Name:** Enter Package Name
- Package Type:** i.e. Family Package / Couple Package
- Package Location:** Enter Package Location
- Package Price in INR:** Enter Package Price in INR
- Package Features:** Package Features Eg-free Pickup-drop facility
- Package Hotel 1:** Package Hotel1
- Package Hotel 2:** Package Hotel2
- Package Details:** Enter Package Details
- Package Image:** Choose file No file chosen

SSP | Admin Manage Packages

localhost/tms/admin/manage-packages.php

Apps Gmail YouTube Maps Solve GCFI\_3\_year... php Doubt Solutions ~

**TOURISM MANAGEMENT SYSTEM** ADMIN PANEL

Dashboard

Tour Packages

Manage Users

Manage Booking

Manage Issues

Manage Enquiries

### Manage Existing Packages

#	NAME	TYPE	LOCATION	PRICE	CREATION DATE	ACTION
1	Full Package	Couple	Goa	\$15000	2020-04-10 22:07:07	<a href="#">VIEW DETAILS</a>

SSP | Admin manage Users

localhost/tms/admin/manage-users.php

Apps Gmail YouTube Maps Solve GCFI\_3\_year... php Doubt Solutions ~

**TOURISM MANAGEMENT SYSTEM** ADMIN PANEL

Dashboard

Tour Packages

Manage Users

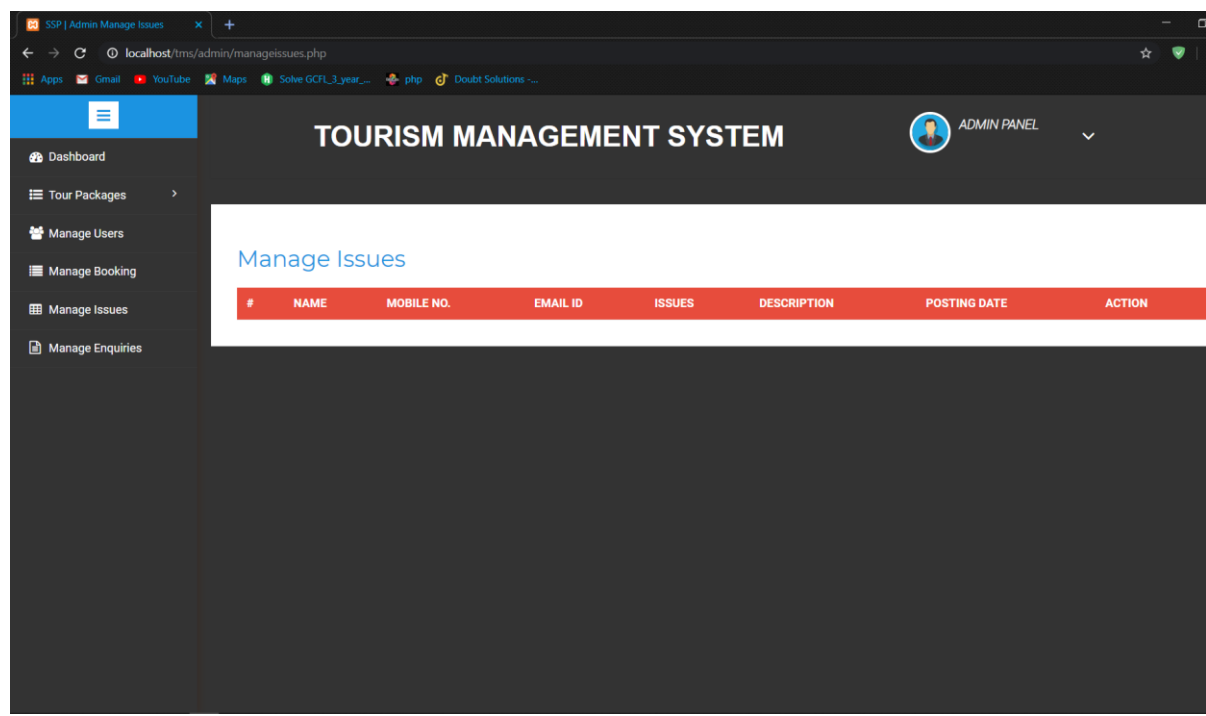
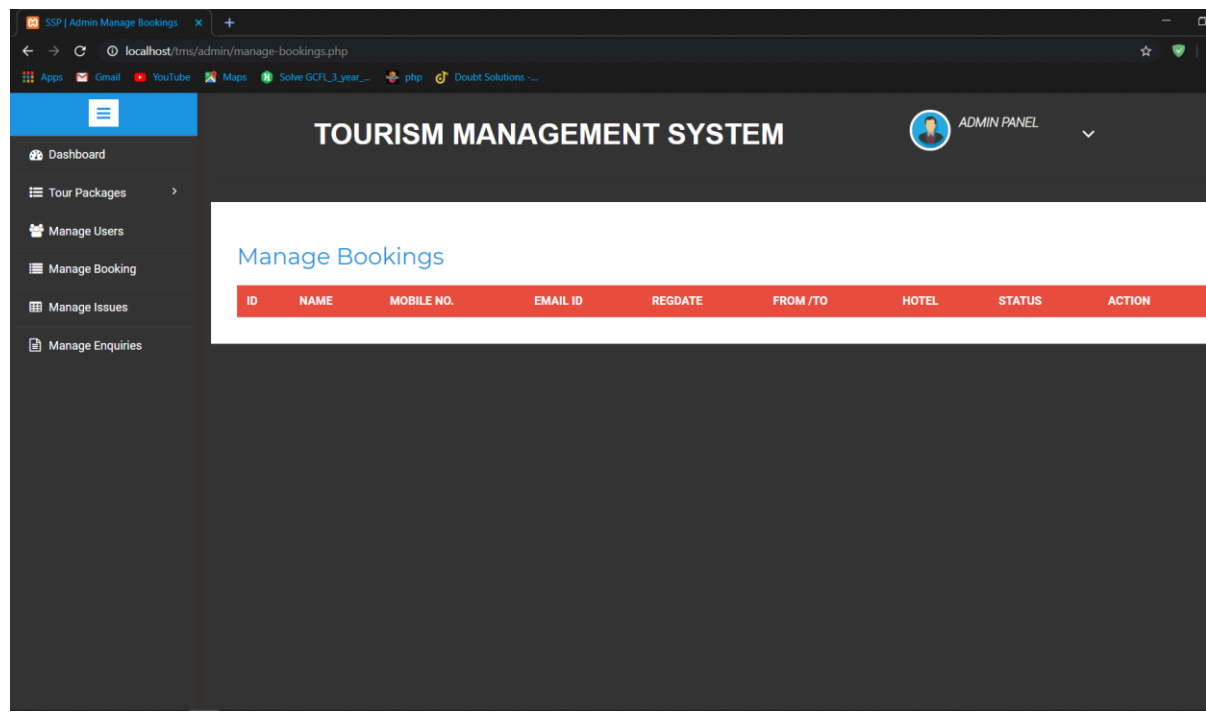
Manage Booking

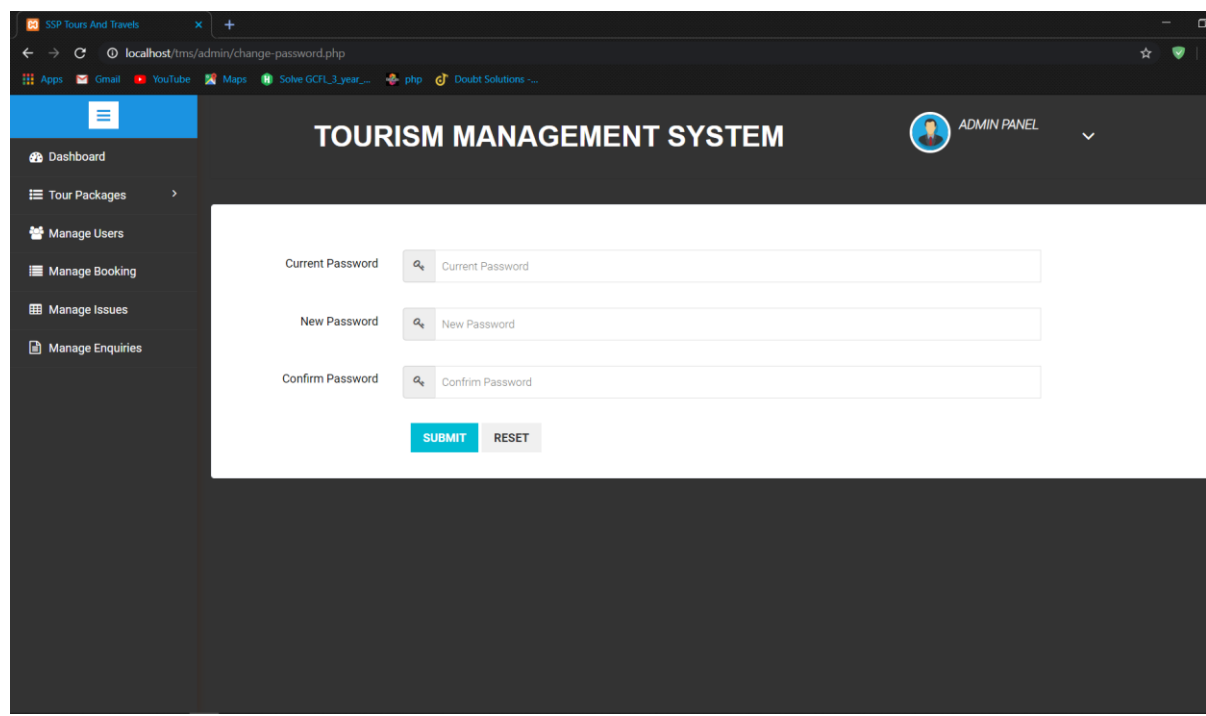
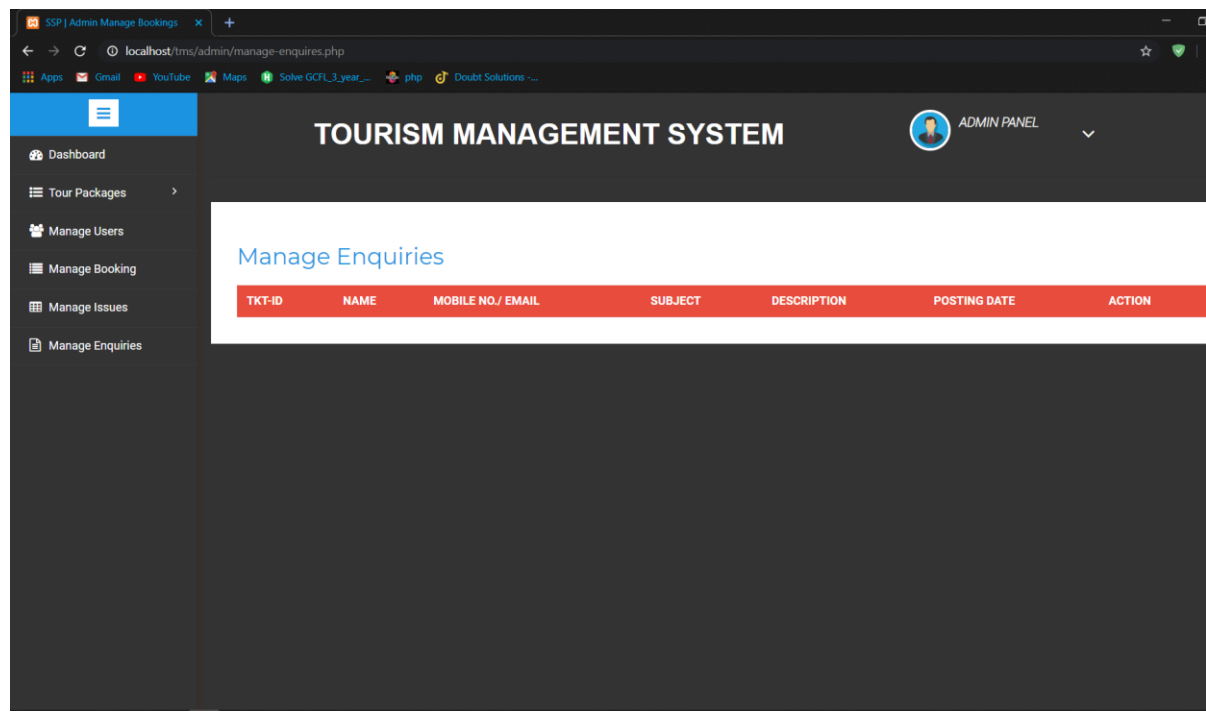
Manage Issues

Manage Enquiries

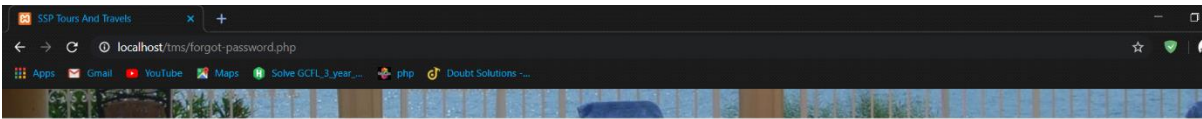
### Manage Users

#	NAME	MOBILE NO.	EMAIL ID	REGDATE	UPDATION DATE
1	saiura	6532356051	chhonkar@gla.com	2020-02-29 19:08:36	0000-00-00 00:00:00
2	sauraya	7894561230	jatin@gla.com	2020-03-21 22:46:35	0000-00-00 00:00:00









## Recover Password

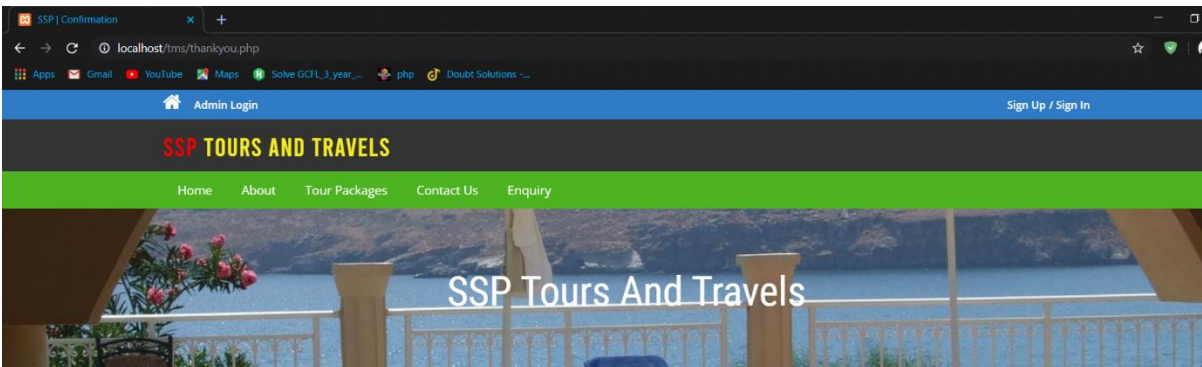
Email id

Mobile No

New Password

Confirm Password

[Change](#)



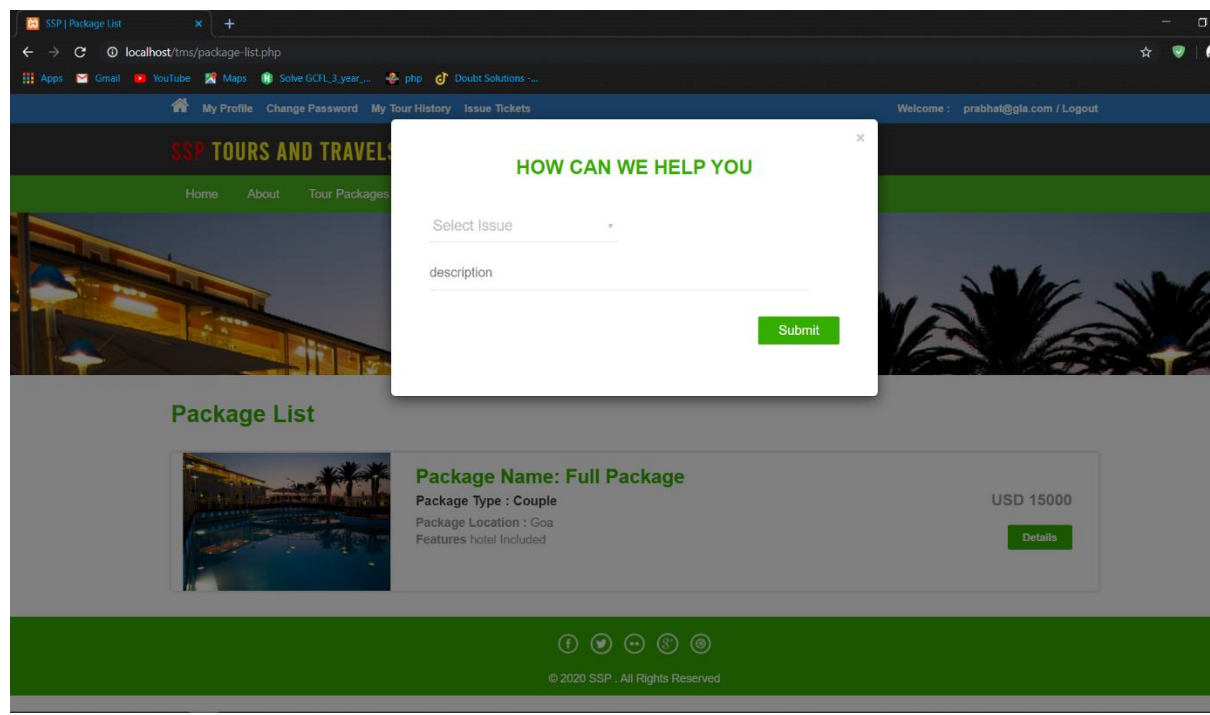
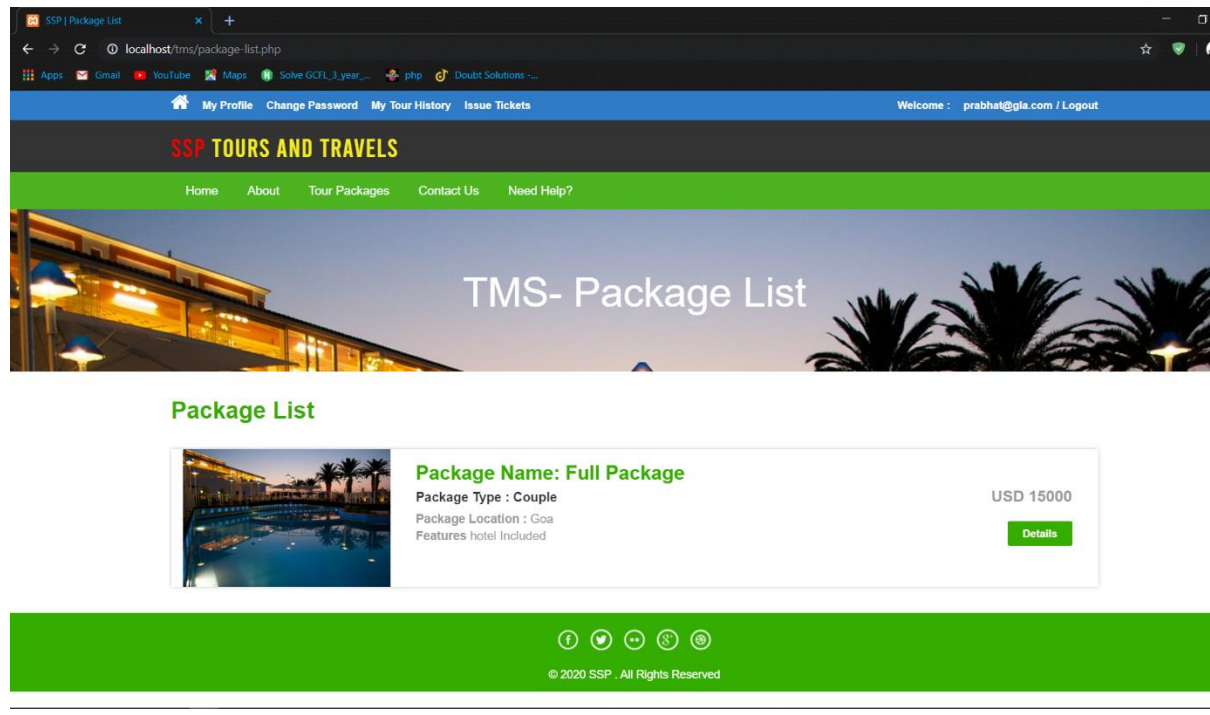
## Confirmation

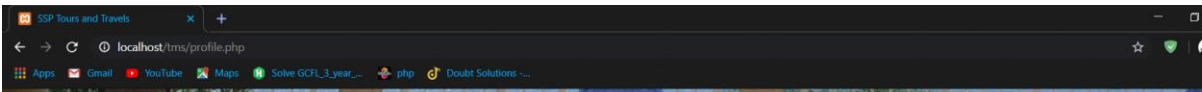
Info successfully submitted



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## Update Profile

Name

Mobile Number

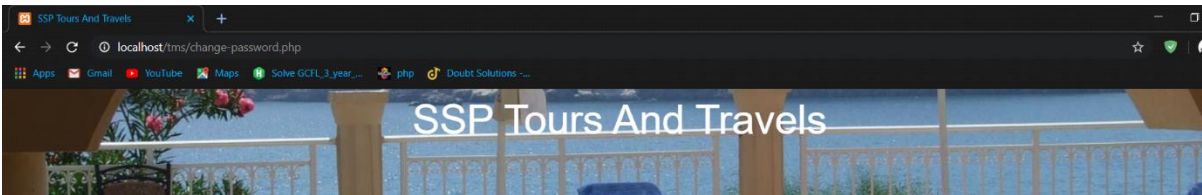
Email Id

Last Updation Date : 0000-00-00 00:00:00

Reg Date : 2020-04-11 14:07:25



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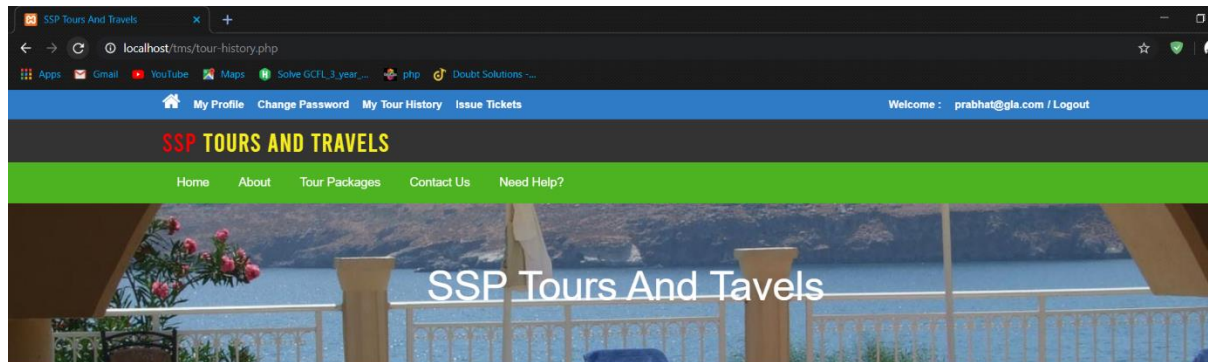
## Change Password

Current Password

New Password

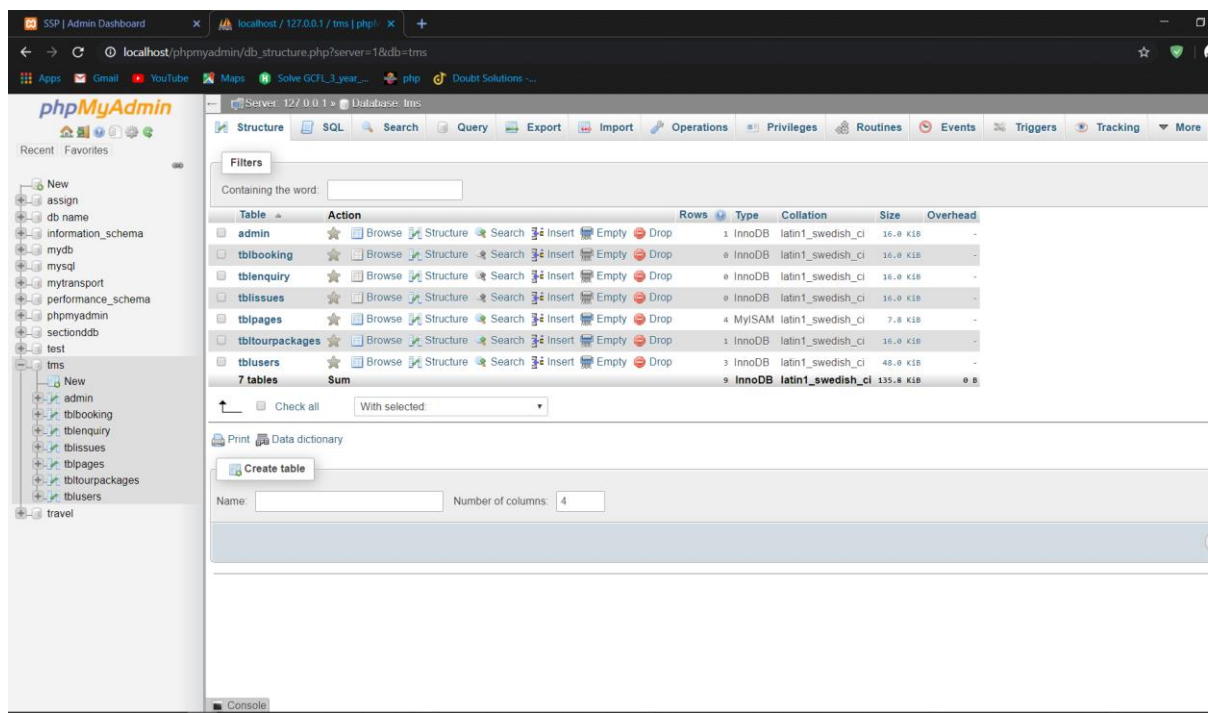
Confirm Password





## My Tour History

#	Booking Id	Package Name	From	To	Hotel	Status	Booking Date	Action
---	------------	--------------	------	----	-------	--------	--------------	--------



SSP | Admin Dashboard

localhost / 127.0.0.1 / tms / admin

localhost/phpmyadmin/sql.php?server=1&db=tms&table=admin&pos=0

phpMyAdmin

Recent Favorites

- New
- assign
- db name
- information\_schema
- mydb
- mysql
- mytransport
- performance\_schema
- phpmyadmin
- sectionddb
- test
- tms
  - New
  - admin
  - tblbooking
  - tblenquiry
  - tblissues
  - tblpages
  - tbltourpackages
  - tblusers
  - travel

Showing rows 0 - 0 (1 total, Query took 0.0023 seconds)

SELECT \* FROM `admin`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code]

Show all | Number of rows: 25 | Filter rows: Search this table

Options

	id	UserName	Password	updateDate
Edit Copy Delete	1	admin	5fa723580b4fb4f2c5d7de8c9a41846	2019-03-06 00:33:54

Check all | With selected: Edit Copy Delete Export

Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Label:  ☐ Let every user access this bookmark

Bookmark this SQL query

Console

SSP | Admin Dashboard

localhost / 127.0.0.1 / tms / tblb...

localhost/phpmyadmin/sql.php?server=1&db=tms&table=tblbooking&pos=0

phpMyAdmin

Recent Favorites

- New
- assign
- db name
- information\_schema
- mydb
- mysql
- mytransport
- performance\_schema
- phpmyadmin
- sectionddb
- test
- tms
  - New
  - admin
  - tblbooking
  - tblenquiry
  - tblissues
  - tblpages
  - tbltourpackages
  - tblusers
  - travel

MySQL returned an empty result set (i.e. zero rows) (Query took 0.0023 seconds)

SELECT \* FROM `tblbooking`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code]

BookingId PackageId UserEmail FromDate ToDate Comment RegDate status CancelledBy UpdationDate hotel

Query results operations

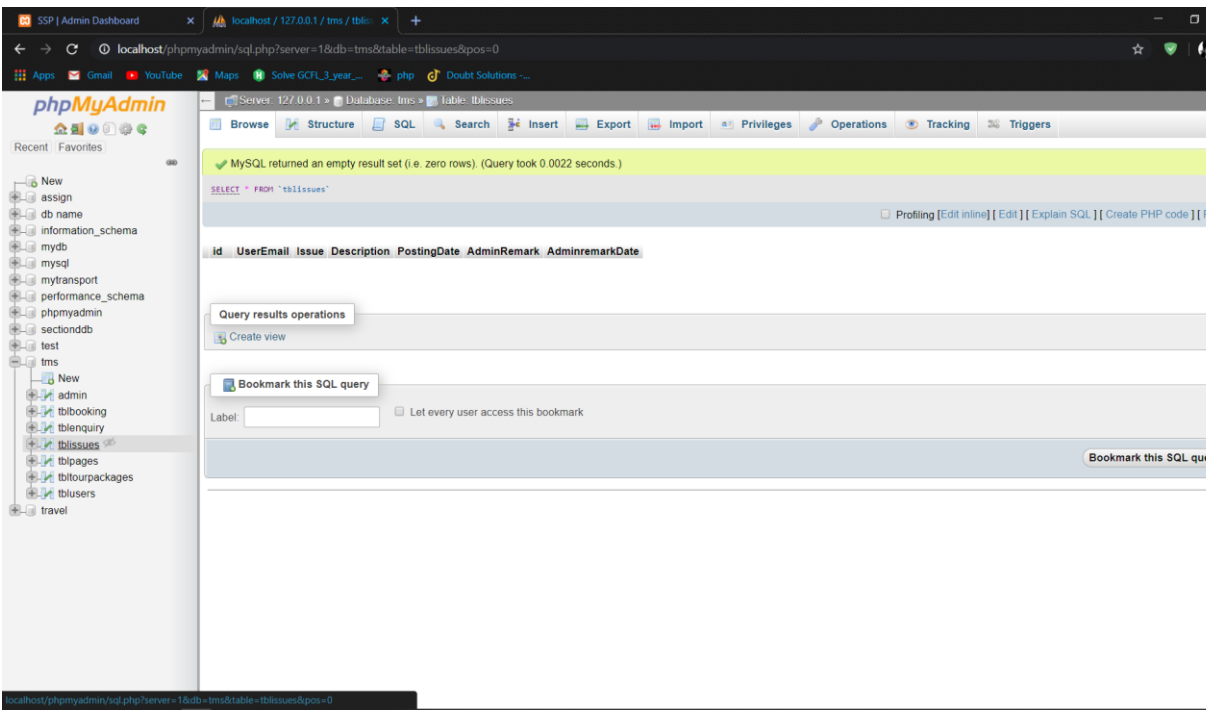
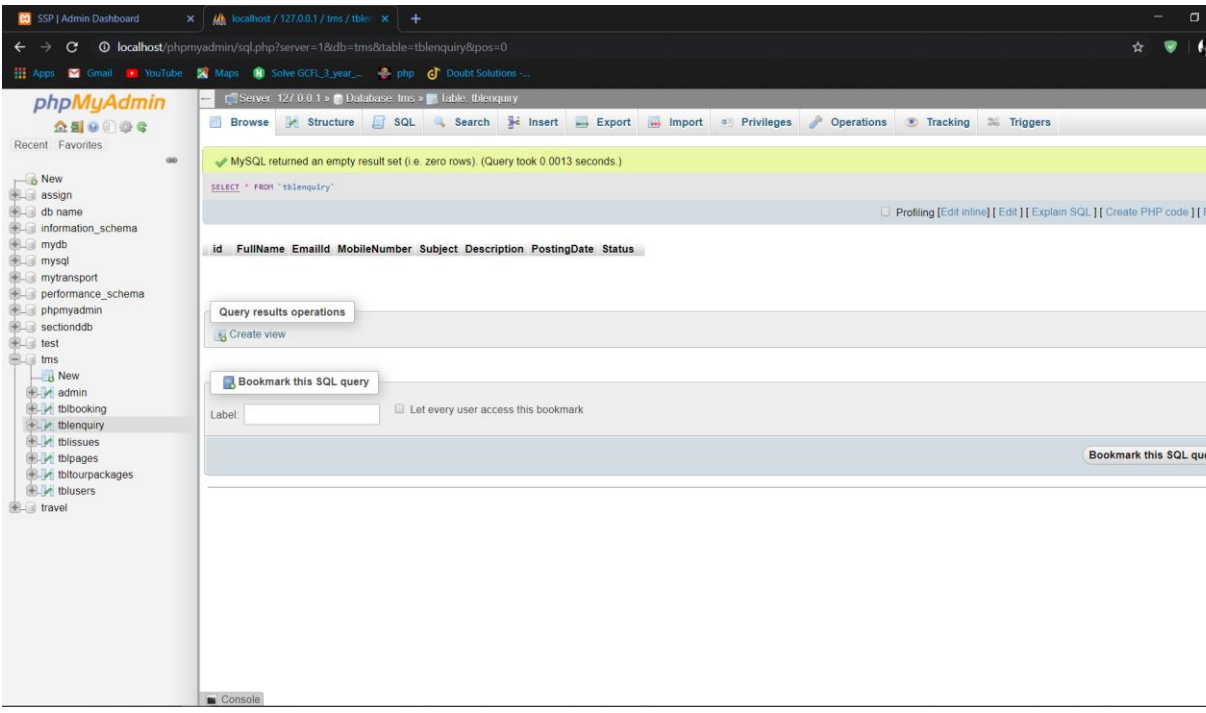
Create view

Bookmark this SQL query

Label:  ☐ Let every user access this bookmark

Bookmark this SQL query

Console



SSP | Admin Dashboard

localhost / 127.0.0.1 / tms / tblpages

localhost/phpmyadmin/sql.php?server=1&db=tms&table=tblpages&pos=0

phpMyAdmin

Recent Favorites

- New
- assign
- db name
- information\_schema
- mydb
- mysql
- mytransport
- performance\_schema
- phpmyadmin
- sectionddb
- test
- tms
- New
- admin
- tblbooking
- tblenquiry
- tblissues
- tblpages
- tbltourpackages
- tblusers
- travel

Showing rows 0 - 3 (4 total, Query took 0.0013 seconds)

SELECT \* FROM `tblpages`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Options

	id	type	detail
Edit Copy Delete	1	terms	<P align=justify><FONT size=2><STRONG><FONT color=...
Edit Copy Delete	2	privacy	<span style=color: rgb(0, 0, 0); font-family: &qu...
Edit Copy Delete	3	abouts	<span style=color: rgb(0, 0, 0); font-f...
Edit Copy Delete	11	contact	<span style=color: rgb(0, 0, 0); font-f...

Check all | With selected: Edit Copy Delete Export

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Label:  ☐ Let every user access this bookmark

Bookmark this SQL query

localhost/phpmyadmin/sql.php?server=1&db=tms&table=tblpages&pos=0

SSP | Admin Dashboard

localhost / 127.0.0.1 / tms / tbltourpackages

localhost/phpmyadmin/sql.php?server=1&db=tms&table=tbltourpackages&pos=0

phpMyAdmin

Recent Favorites

- New
- assign
- db name
- information\_schema
- mydb
- mysql
- mytransport
- performance\_schema
- phpmyadmin
- sectionddb
- test
- tms
- New
- admin
- tblbooking
- tblenquiry
- tblissues
- tblpages
- tbltourpackages
- tblusers
- travel

Showing rows 0 - 0 (1 total, Query took 0.0013 seconds)

SELECT \* FROM `tbltourpackages`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code]

Show all | Number of rows: 25 | Filter rows: Search this table

Options

	PackageId	PackageName	PackageType	PackageLocation	PackagePrice	PackageFetures	PackageDetails	PackageImage	Creationdate	Upd
Edit Copy Delete	1	Full Package	Couple	Goa	15000	hotel Included	You Plan We Arrange	6.jpg	2020-04-10 22:07:07	000

Check all | With selected: Edit Copy Delete Export

Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Label:  ☐ Let every user access this bookmark

Bookmark this SQL query

localhost/phpmyadmin/sql.php?server=1&db=tms&table=tbltourpackages&pos=0





## **Contribution Summary**

**Name:** Saurabh Chhonkar

**Roll no.:** 171500299

**Role:** Front-end, Database and Documentation

**Git hub Id:** <https://github.com/SaurabhChhonkar/mini-project-2.git>

**Name:** Prabhat Kumar

**Roll no.:** 171500219

**Role:** Front-end, Back-end and Documentation

**Git hub Id:** <https://github.com/SaurabhChhonkar/mini-project-2.git>

**Name:** Shubham Singh

**Roll no.:** 171500335

**Role:** Back-end, Front-end Design and Documentation

**Git hub Id:** <https://github.com/SaurabhChhonkar/mini-project-2.git>



### **References:**

- [www.javatpoint.com](http://www.javatpoint.com)
- [www.w3school.com](http://www.w3school.com)
- [www.tutorialspoint.com](http://www.tutorialspoint.com)
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- <https://betalabsindia.blogspot.com/>
- **Book References-**
  - **Web Engineering Book**
  - **Learning MySQL, JS, CSS & HTML5 by Robin Nixon**
- **Faculty Guideline:**
  - **Mr. Pankaj Kapoor**

### **GitHub ID:**

<https://github.com/SaurabhChhonkar/mini-project-2.git>