

# Travel and Tourism

(Web Development)

## Synopsis

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## **Abstract**

The Travel and Tourism Management System is a web based application And maintains a centralized repository of all related information. The objective of this project is to develop a system that automates the process and activities of a travel agency. The purpose is to design a system using which one can perform all operations related to traveling. In the present system a customer has to approach various agencies to find details of place and to book tickets. This often requires a lot of time and effort. The purpose is to design a system using which one can perform all operations related to traveling. The user registers their details and they were chosen package which they need. They checkout the which explain the information of the place you are need to visit these include in this system.

## **ACKNOWLEDGEMENT**

We have given efforts in this project. However, it would have been possible without the kind of support and help of many individuals and organizations. We would like to give special thanks to our instructor Neeraj Khana for guiding, supporting and for her constant encouragement from this project. We would like to express my gratitude towards our parents & member of GLA University for their kind co-operation and encouragement which help us in completion of this project.

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## **INTRODUCTION: -**

The Travel and Tourism Management System is a web based application. The main purpose of “Travel and Tourism management system” is to provide a convenient way for a customer to book hotels, flight, train and bus for tour purposes. 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 train, flight or 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. It is tedious for a customer to plan a particular journey and have it executed properly. The project ‘Travel and Tourism Management System’ is developed to replace the currently existing system, which helps in keeping records of the customer details of destination as well as payment received.

## **System Requirements: -**

### **Supported Operating system: -**

Windows 10

### **Software Required: -**

Visual Studio 2019

SQL server 2019

Web Browser (Chrome, web explorer)

Graphic Editor (GIMP)

## **Hardware Requirements: -**

4 GB RAM.

Laptop/Desktop

Internet Connection

External Backup storage

## **Frontend and Backend: -**

### **Frontend**

HTML The language provides the basic structure to the page. HTML rows and tables, containers, etc. HTML tags, nested tables have also been used to benefit in less lines of code and ease of implementation

CSS divisions, nested divisions, margins, animations, and development of logos. Animations and effects added to the page. The styling and spacing to the page, color and texture. Cascading Style Sheet's divisions, containers, nested divisions, margins etc. has been implemented to make the front end look interactive. The color combination and texture that uses up the CSS libraries helps differentiate the text on the website and remain readable.

BOOTSTRAP Bootstrap libraries have been imported to the code in order to get responsiveness in the website. Few of the Imported libraries are

<https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css>

<https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js>

<https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css>

These libraries contain bootstrap.min css that helps making the margins and spacing expand and shrink according to the screen. The bootstrap JS has been used to import some libraries of the java-script that has made to sort our content, loop, terminate, etc wherever required.

### **Backend**

MySQL Database Service is a fully managed database service to deploy cloud-native applications. The most comprehensive set of advanced features, management tools and technical support to achieve the highest levels of MySQL scalability, security, reliability, and uptime.

PHP is a server scripting language, and a powerful tool for making dynamic and interactive Web pages. PHP is a widely-used, free, and efficient alternative to competitors such as Microsoft's ASP. It is integrated with a number of popular databases, including MySQL, PostgreSQL, Oracle, Sybase, Informix, and Microsoft SQL Server.

## **Problem statement:**

The purpose of website is established fact that Internet users are increasing today. One of the main purposes of the website is to facilitate the offline customer online because customers cannot spend their precious time in markets trying to find out the best deal. India is a country where in a few days holiday, you can enjoy a lot. The problem is that we although having many websites but they offer different kind of services. The customers are enjoying a lot but there is a lack of relationship between travel agency and customers and hence we are establishing that relationship by caring and serving all customers in the same manner that we wish to be served.

## **Reason**

The travel and tourism industry is one of the largest and most competitive in the world and this means that tourism businesses can live or die based on the quality of their marketing efforts. Tourism industry has high potential and have diverse sector of development. To maximize the potential of tourism as a driver of sustainable growth. The tourism sector needs smart and effective approaches to development projects and sustainability initiatives.

## **Objective: -**

This application is develop to provide best travelling services to the customers and travel agents. We have developed travel and tourism 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. This system also gives tours related information like which places are tourist attractions, cities, and provinces.

## **Module Description:**

**Administrator module:** This module provides administrator related functionality like from this we can use add route information, bus information, train information, flight information, tour packages, travel packages, hotel information etc

**Hotel module:** Details of the hotels in which the accommodation of the customer will be done during the tours. Details like availability of meals, station-pickup and drop facility and contact no. of the hotels are also provided to the customers on special request.

**Package module:** User can view different tour packages available for tourist. User can select any packages from this module he can also check the details of various travel agencies.

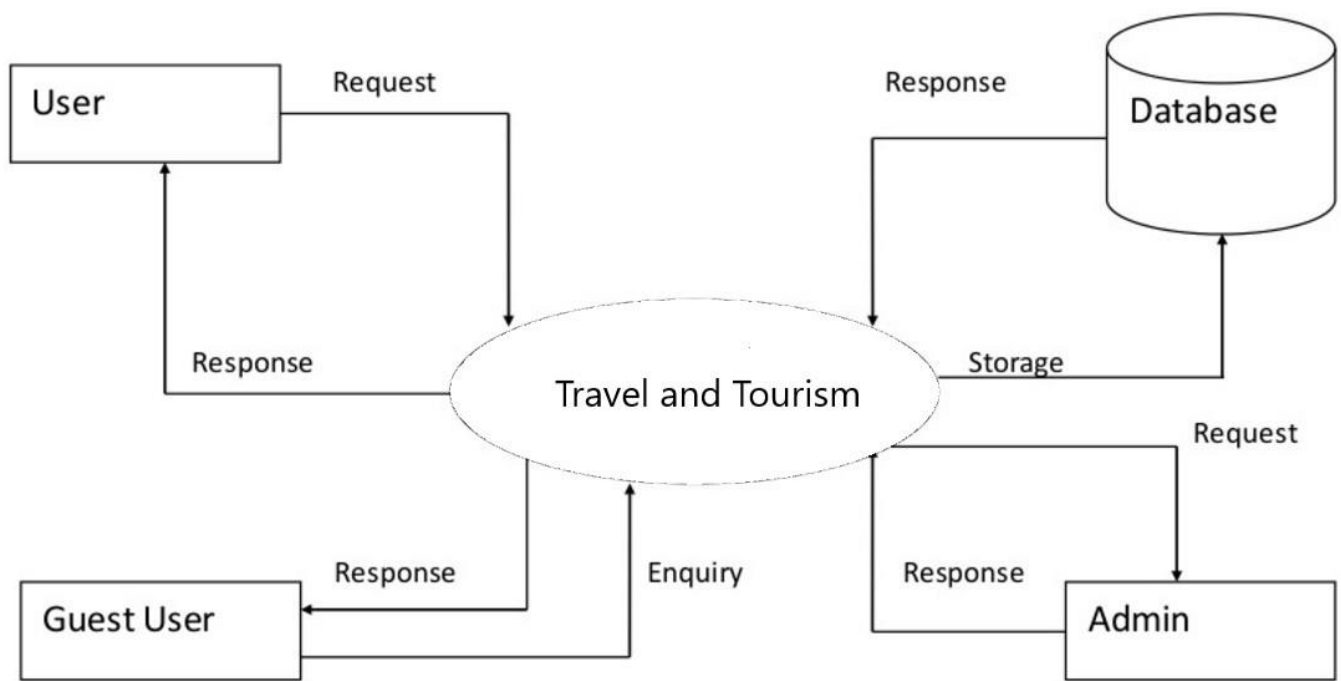
### **Scope: -**

The main purpose of travel and tourism is provide an alternate and convenient way for a customer to book hotel ,flight ,train and bus for tour purpose. We will make an easier task of searching places and for booking train , flight or bus.

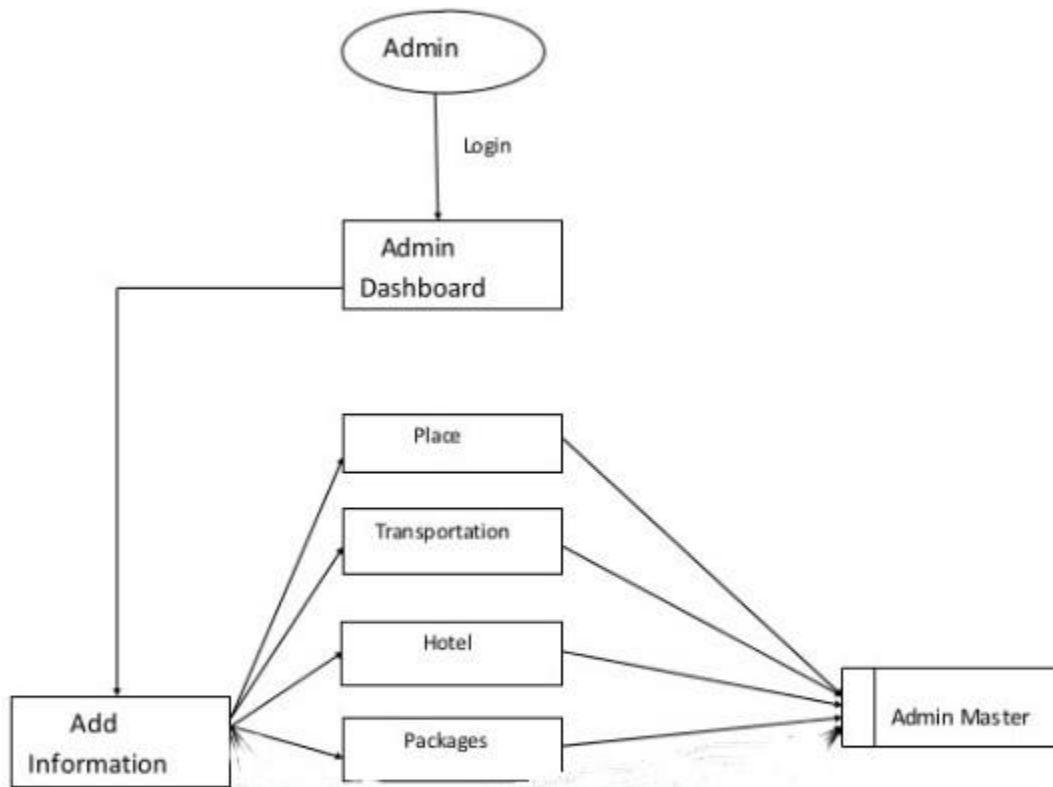
**DFD: -** A data flow diagram (DFD) illustrates how data is processed by a system in terms of inputs and outputs. As its name indicates its focus is on the flow of information, where data comes from, where it goes and how it gets stored.

**0 Level DFD: -**DFD Level 0 is also called a Context Diagram. It's a basic overview of the whole system or process being analyzed or modeled. It's designed to be an at-a-glance view, showing the system as a single high-level process, with its relationship to external entities. It should be easily understood by a wide audience, including stakeholders, business analysts, data analysts and developers.





**1 level DFD:** - DFD Level 1 provides a more detailed breakout of pieces of the Context Level Diagram. You will highlight the main functions carried out by the system, as you break down the high-level process of the Context Diagram into its sub processes.



## **AVAILABILITY: -**

The Travel and tourism is a responsive website. It provide easy access through Internet connection. It provides various features which has everything at one place.

## **Conclusion**

\_This web application provides easy way to book tickets online. This application developed is design in such a way that any further enhancements can be done with ease. Through this website user can book all packages and hotels by using this site we can save our time.



