



## **“TOUR AND TRAVEL MANAGEMENT SYSTEM”**

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### **ABSTRACT**

The Tours and Travel Management System is a web-based application. The main purpose of “Tours and travels management system” is to provide a convenient way for a customer to book vehicle or whole package to tour purposes. The objective of the project is to develop a system that automates the processes and activities of a travel agency. In the project will make an easier task of searching places and for booking facilities. In the present system a customer has to approach various agencies to find details of places and to book tickets. System often requires a lot of time and effort. The purpose of system is provided 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. System is tedious for a customer to plan a particular journey and have it executed properly. The project ‘Tours and Travels 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.

### **1. INTRODUCTION**

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 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 establishing that relationship by caring and serving all customers in the same manner that wish to be served.

### **PROBLEM DEFINITION**

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 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 establishing that relationship by caring and serving all customers in the same manner that wish to be served.

### **SCOPE**

Project is to develop a system that automates the processes and activities of a travel and the purpose is to design a system using which one can perform all operations related to traveling. Customers can decide about places they want to visit and make bookings online for travel and accommodation. Customer can view complete travel information with Google Maps, Hotel facilities, Restaurant facilities, vehicle services through online. Feedback and review helps to customer to visit particular location. Photo gallery and video gallery of the location can be uploaded. Customer can search hotels by entering location and hotel type.

### **OBJECTIVE**

- Application is developed to provide best travelling services to the customers and travel agents.
- Tours and travel management system to provide a search platform where a tourist can find their tour places according to their choices
- Agency will be able to make payment on their ease of use either by online or by offline system.
- Tourist will get their treatment lowest cost and they can afford tour.

## 2. LITRERATURE SURVEY

Tour and travel management is important to every tourist; in existing websites user can't find packages from different agencies. So, comparison between prices, facilities and other component is not possible. Also, for car/bike rental user have to find different website which is really time consuming.

Now a day's everyone wants an online platform where user can find all types of tour and car packages from various websites which is open for 24/7 with enquiries facilities. So, the proposed system is fulfilling all these issues with email verification for security.

### PROPOSED SYSTEM

To overcome the drawbacks of the existing system, the proposed system has been evolved. This project aims to reduce the time to find out affordable tour packages as well as car rental packages. The system provides with the best user interface. The efficient reports can be generated by using this proposed system.

#### Advantages of Proposed System

- 1) Available in more than 4 Payment mode (Easy Payment).
- 2) Helpful admin panel available for manipulates data.
- 3) Helpful agency dashboard to add packages.
- 4) 2 Step authentications with email verification improves the security.

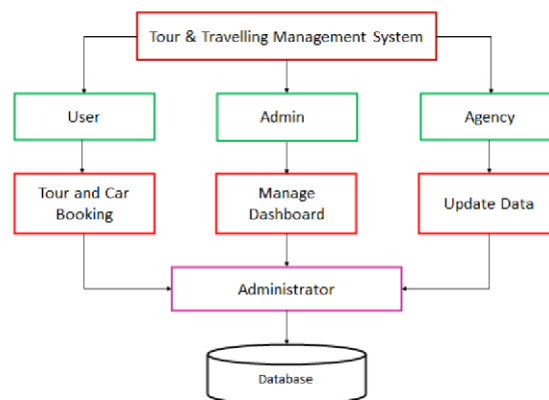
## 3. SYSTEM ARCHITECTURE

A system architecture diagram would be used to show the relationship between different components. Usually, they are created for systems which include hardware and software and these are represented in the diagram to show the interaction between them.

**1st module:** is agency module in which agency can add or update the packages, view users' feedback and also payment gateway. In this Module agency can edit the existing information of tour as well as vehicle rental.

**2nd Module:** is Admin Module in which Admin can view the detail information filled in the system and Also can See the details of user, can reply to the user and also handle the entire website.

**3rd Module:** is User Module in which User can see detail information of packages of both tour and car. Can book packages and also do online payment with email verification facility.



## 4. FIGURE: SYSTEM ARCHITECTURE DIAGRAM

#### Data Flow Diagram

Also known as DFD, Data diagrams are used to graphically represent an own of data in a business information system. DFD describes the processes that are involved in a system to transfer data from the input to the file storage and reports generation. Data flow diagrams can be divided into logical physical. The logical data own diagram describes flow of data through a system to perform certain functionality of a business. The physical data flow diagram describes the implementation of the logical data flow.

**Level 0 DFD**

It is also known as context diagram. The zero level DFD of tour and travel management system, where we have elaborated the high-level process of tourist management. It's basic overview of the whole Management System or process being analyzed or modeled. It's a designed to be an at-a-glance view of Transportation and tour. Showing the system as a single high-level process, with its relationship to external entities of Travel Agent, Customer and admin.

**Level 1 DFD**

First Level DFD of Tour and Travel Management System shows how the system is divided into sub-systems, each of which deals with one or more of the data flows to or form an external agent, and which together provide all of the functionality of the Tour and Travel Management System as a whole. It also identifies internal data stores of Registration, Login, booking, payment, Email verification, give feedback that must be present in order of the system to do its job and show the flow of data between various parts of website.

**5. IMPLEMENTATION**

Coding is the process of transforming the design of the system into a computer language format. This coding phase of software development is concerned with software translating design specification into the source code. In the coding phase, developers start to build the entire system by writing code using the chosen programming language. the coding phase, tasks are divided into units or modules and assigned to the he various developers. It is the longest phase of the Software Development Life Cycle process. During the implementation process, developers must write enough comments inside the cde so that anybody starts working on the code later on the user is able to understand what has already been written.

**Algorithm or processing of Application Random****Algorithm 1: - Admin and Agency.**

Step 1: - In login successful Store Roll in session storage.

Step 2: - The next step applied if else condition statement for show which page to admin and agency.

**Algorithm 2: - Forget Password.**

Step 1: - In login form click to forget password.

Step 2: - Then redirect to Forgot password page.

Step 3: - Then user can enter the registered email id.

Step 4: - In case email ID is not exist then show alert messages" user is not registered user please register"

Step 5: - Email id exist then send forgotten password link to register email ID.

Step 6: - User click forget password link send email ID.

Step 7: - Then redirect to update password page.

**FEATURES IN PROJECT**

Various Modules are integrated in website so as to perform various operations. Modules in the project are enlisted as follows.

**AUTHENTICATION**

Here are 3 logs in system for user, admin and for agencies. If user already have an account and enters credential correctly Then he can login by using page. Even agencies and admins can log in to website for uploading packages and manage the data etc.

**EMAIL VERIFICATION**

Email Verification module provide security to user before any process like log in, payment system and car or package booking etc.

**BOOKING SYSTEM**

User can book tour packages and also car for tourism purpose. Booking is one of the main modules of the website.

**PAYMENT SYSTEM**

The module provides payment facility to user for booking the particular package or car. User will get payment slip after pay.

## ADMIN DASHBOARD

Dashboard module provides facility to admin of manage the users and data. And also, admin can reply to user on queries.

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## 6. RESULT AND DISCUSSION

In the project will make an easier task of searching places and for booking facilities. In the present system a customer has to approach various agencies to find details of places and to book tickets.

System often requires a lot of time and effort. The purpose of system provides 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.

As existing websites in market are not providing special car/ bike packages for needed one tourist have to contact another website for it, these issues are solved. Also, the main feature of system is multiple agencies' access which is not available now in market.

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## 7. CONCLUSION

"Tour and Travel 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. The proposed system "Tour and Travel Management System", developed in PHP, is an attempt to computerize the various operations in travel companies. The project is very flexible and secured; admins can include new features and maintain the modules of the system as per conditions.

## ACKNOWLEDGEMENTS

The Tours and Travel Management System is a web-based application. The main purpose of "Tours and travels management system" is to provide a convenient way for a customer to book vehicle or whole package to tour purposes. The objective of the project is to develop a system that automates the processes and activities of a travel agency. In the project will make an easier task of searching places and for booking facilities. In the present system a customer has to approach various agencies to find details of places and to book tickets. System often requires a lot of time and effort. The purpose of system provides 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. System is tedious for a customer to plan a particular journey and have it executed properly. The project 'Tours and Travels 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.

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