

# SMART TOURIST GUIDING SYSTEM

## ABSTRACT

As the name specifies **Smart Tourist Guiding System** is a software developed for guiding tourists for travel destination and booking. Identification of the drawbacks of the existing system leads to the designing of computerized system that will be compatible to the existing system with the system which is more user friendly and more GUI oriented. We can improve the efficiency of the system, thus overcome the drawbacks of the existing system. The objective of the project is to develop a system that automates the processes and activities of a travel and tourism agency. The purpose is to design a system using which one can perform all operations related to traveling.

The tourists and travellers are normally they didn't have a good idea about the destination sites in the case of the visit the place first time. The traveller can find the all good destination points especially unexplored places and camping sites through over this project and the did not want ask for anyone. They get all details of touring sites in our project, they can find the location, routes. The tourist can book local transportation facilities for their journey so did not bothered about the local transportation .Also in this project we provide the help of local guides and travel packages. If any tourists need help for local travel guides for translation, guidance. The tourist can enquire anything related to the content that post in our website. In this project we also focused about travel packages. The tourists can choose their package and customise their package as their need, from our website without any worries. The tourist can directly pay to transportation charge and guide fee through our website.

## EXISTING SYSTEM:

In the present system a customer has to approach various agencies to find details of places and to book packages and it is not easy for get a good local guides. This often requires a lot of time and effort. A customer may not get the desired information from these offices and often the customer may be misguided. It is tedious for a customer to plan a particular journey and have it executed properly. In the existing system, all the records are not kept perfectly because all the work is done manually, so keeping up to date details of the packages, timings of bookings, the opening and closing of the entrance time in tourist place is not

done. Amount of the overall trips are kept in documents and the calculations done are manually which made lead to huge mistakes. Some agencies exploits the tourists by over pricing the package and other demanding lots of money.

## **PROPOSED SYSTEM:**

The proposed system is a web based and android application and maintains a centralized repository of all related information. The system allows one to easily access the relevant information and make necessary travel arrangements. Tourists can decide about places they want to visit and make bookings online for travel packages. Without any price the tourists get all information of the tourist's destination in the particular region. Our project also provide the help of local travel guides. The tourist can login to our websites and they can use all facilities. The travel guide and drivers is provided with an android application they get all information of tourists who requested for your services. The local guide can add the detail and photographs of unexplored places. The tourists can pay package amounts and fees through online.

## **MODULES:**

1. Administrator
2. Travellers
3. Local travel guide
4. Tour Packages
5. Transportation

### **1. ADMINISTRATOR**

- This module provides administrator related functionality.
- Administrator manages all information and has access rights to add, delete, edit and view the data related to places, travels, routes, bookings, Enquiries etc.
- Packages—Admin will create the packages and Manage the packages (Create, Update, Delete).
- Tourists- Admin view all Information of all tourists.

- Booking- Admin will responsible for manage booking. Admin can confirm and cancel a booking of traveller.
- Manage issues/ Complaints—Admin can take action on any issue /complaint raised by user (traveller) and Put remark.
- Manage Enquiries—admin can manage all enquiries raised by users (traveller). Manage pages- Admin can edit the info of all pages that are display on the website, Dashboard- Here admin can view all count of booking, issues , Enquiries and Users . Change password--- Admin can change own password.

## **2. USER (TRAVELLER)**

- Sign up- User can register yourself for booking.
- Sign in- Here user can login with valid username and password.
- My Profile- user can update own profile.
- Search-the tourists can search places.
- Booking package-the tourist can book the travel package (book, cancel booking and customise package).
- Request for guide-the tourist can sent request for travel guide.
- Feedback-the tourist can sent feedback to admin.
- Transportation-the tourist can book local transportation.
- Payment-the tourist can directly pay fees and transportation charges.
- Customize package.

## **3. LOCAL TRAVEL GUIDE**

- Signup and login-guide can sign up and login.
- View requests from tourist-the request from tourist can see the guide.
- Add new exploration places-the guide can add new exploration places and photographs.
- Report-the guide can report about tourists.

#### **4. TRAVEL PACKAGE**

- Administrator can create, read, update and delete Package from this module.
- Tourist can book, cancel the travel package.
- Customizable package provided.
- Each Travel Package provide a basic itinerary preview for the tourist.

#### **5. TRANSPORTATION**

- Transportation Module is used to manage the Transportation.
- Administrator can appoint and verify the drivers.
- The tourist can choose cab, book, and cancel the cab.
- The cab charge calculated on the basis of type of cab, number of seats of cab, kilometre.
- The driver can accept fee from tourist.

#### **SOFTWARE REQUIREMENTS:**

Technology Used : PHP, HTML, CSS, JS, SQL & ANDROID