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Online Guide Allocation System

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Abstract:

Now a day's mobile phone plays important role in every human being's life. Most of the things can do by using mobile application. So developments of applications that can provide various services to the user are increasing day by day.Now day's tourists/visitors are facing many problems while visiting the various unknown cities. One of these problems is that they don't find information about all tourist spots of those cities. Then they search for the information of the spots on the Google but they can't get proper/exact information of the places. While tourist looking for guides manually they faces many problems like guide availability and it is very time consuming for the tourist to search the guide.
We propose architecture of "ONLINE GUIDE ALLOCATION SYSTEM" that provides the online booking of guide from remote places.

Keywords - **Android, web service, places, travel, city.**

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I. INTRODUCTION

World is contracting with growth of mobile technology. As the number of users' increases, the applications are also increasing to meet the user's requirements in a sufficient way. For example, everyone having smart phone, but they do not use it just for calling purpose. Mobile phones are becoming need rather than an option and it is important part of our life. There are a number of applications available on the Google play Store. On just one click we can download and use that application. All applications are run on the smart phones having android or iOS operating system. All this applications are compatible for the devices such as smart phones, tablets, Smart TV's and more other devices.

There are many companies and websites who are providing various services like hotel booking, cab booking, online ticket booking. But there is no application or website for the providing online tourist guide booking. So our application can provide a tourist guide to the tourists of the city, where tourist can get their own guides for the exploring through the city.

This application is very easy to use for tourist as well as guide where tourist can request for the guide and this request goes to the guide and guide will accept their request.

A. AIM

The main purpose of this application is to increase the number of visitors/tourists at tourist places. This application can provide the guide in very efficient

way and in reasonable cost. The tourists can book the guide irrespective of their locations.

II. PROJECT PERCEPTION

A. Current Scenario

In current scenario of India, there is no such application which provides the tourist guide to tourist / visitors. There are many applications those are providing only map of the city or any particular place. In some case, application can provides information about some places but no one can provide the direct guide booking by using application.

When visitor/tourist can visit the city then he/she has to find the guide by contacting some agents. But sometimes fraud can be happened with tourist/visitors as well as it can be time and money consuming process. So, to reduce these drawbacks we are introducing "ONLINE GUIDE ALLOCATION SYSTEM".

B. Previous Work

1. OLA cab booking:
This application can be used to the hire taxi or cabs for travelling. This system cannot provide any extra functionality to the user rather than the travelling.

2. Tour guide system based on web services:
In this application can provide the information and some videos related to the tourist place.
In this application there is no physical guide who gives the information about the places. They only provide existing information of the given place to the tourist. Sometimes there is insufficient information available for the particular place.

3. Travel and Tourism Companies:
It provides full tour package to the tourist but when they reach to the destination they have to hire the guide manually. It becomes difficult to the tourist to find the guide in limited time.

III. PROPOSED SYSTEM

There are three modules in proposed system

1. Admin module
2. Guide Module
3. User Module

1. Admin module:
When guide sends all information about him to the admin, he/she verifies it and then admin adds this information to the dashboard of application. This information is visible to the users.

2. Guide Module:
It contains the guide who provides service to the guide. Actual guide is allocated to the tourist depends on demand of the tourist.

3. User Module:
After user registration, user can move for the further process, that is, select places from the given list and then select appropriate guide from the given guide list.
This online guide allocation system provides the number of guide according to user's requirements.
This application saves time as well as saves money of tourist/visitor.

A. Advantages of Proposed System

1. No external hardware is required in this system except smart phones.
2. All data of guide and user are stored at the admin database securely.

3. This application is compatible for smart phones to book the guide which is readily available with every human being today.

IV. SYSTEM ARCHITECTURE

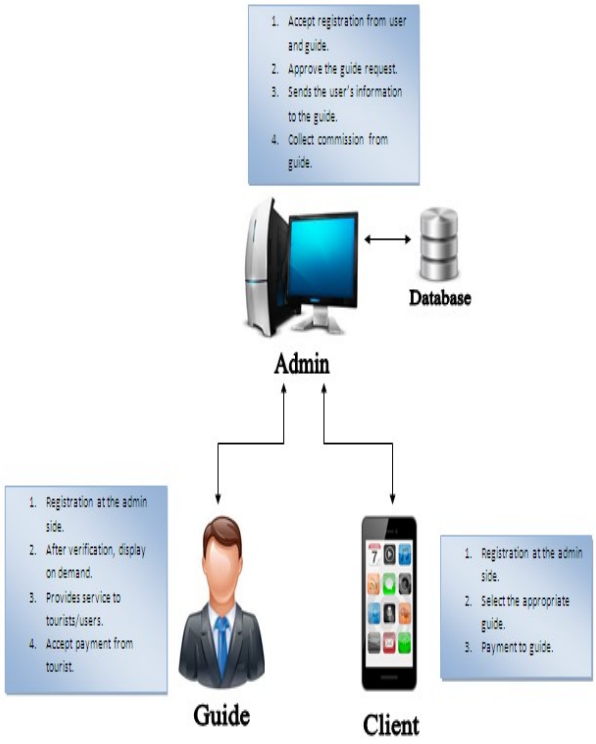

Fig.:- System Architecture

A. Functional Specifications

1. Admin module :
   - Verify data of guide
   - Add guide on dashboard
   - Verify the user.

2. Guide Module :
   - Send all information to the Admin for verification.
   - Providing the service to the user.

3. User Module:
   - Select place from the given list.
   - Select the appropriate guide from given list.
   - Pay to guide for the service.

4. Database:
   - Storage of guide information.
   - Storage of user's information.

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