SURVEY PAPER ON DEVELOPMENT OF TOUR GUIDE APP

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Abstract: As technology is growing immensely in recent years, travel is one of the top three sectors are disrupted by technology. Travelling apps are taking center stage in the mobile app development. In today's market, there are different apps with various functions. As an example, Google maps for maps and locations, another is trivago for hotels and so on. In this project we will build a tour guide app. This app will provide the information about tourist places and nearby place recommendations such as hotels, hospitals and also give brief information about the places. We will also sort the places into season wise and category wise, like hill stations, temples , forts etc. We are implementing all the functions of different apps in one app. Thus, the name tour guide app.

Keywords: Travel Guide, Android App, Interest wise, Season wise Hotel finder, Helpline.

I.INTRODUCTION

The main idea and motive of the project is to develop an android application. Which helps to the travellers for finding the tourist place to visit. The travellers take long time which waste on searching for the better place by switching to different apps for information of tourist places and the a map was used for finding location and such a application for the hotel rooms. So our motive is that to make an android application for all information at one place about tourist places, hotels, and provide nearby helpline numbers of hospitals and police stations. The project is about tour guide system that a tourist will get best use of the application according to their interest. The purpose of our application is to provide thebasic idea and information about some different places that the travellers need to know at the time of visit or before the visit.

II.PROBLEM STATEMENT

The main problem of frequent traveller who is travelling frequently needs an application but due to switching to different apps it becomes difficult and takes lots of time for the traveller and it spoils the mood. So we get to know the need of them they wanted an app which has the various functionality of all various travel apps does in the market today. The motive of the project is to do develop an android app that helps traveller on his journey. The purpose of our project is to provide the basic idea on some common conversation and the information in the different places that the travellers need to know that place. Especially in this application, the interaction between users is the new function compared to traditional travel. Our app is to easy to use and efficient to manage the tour activities.

III.LITERATURE SURVEY

A literature review is a text of a scholarly paper, which includes the current knowledge including substantive findings, as well as theoretical and methodological contributions to a particular topic. Literature reviews use secondary sources, and do not report new or original experimental work.

1. **Paper name:**TRAVEL GUIDE ANDROID APPLICATION

Author: Syed Zishan Ali, Bhoomika Kapde, Kanchan Poptani, Siddhant Ogale

The motive of this android application, is to manage a tour for the users through mobile computing with complete requirements and needs in location. The default categories are provided to help user plan their trip efficiently. The

guidance of tourist places is given in detailed information about each and every tourist location in that particular city or place with tailored description. It also enables user to search a particular location efficiently.

2.paper name: Augmented Reality Based Mobile Tour Guide System

Author: Akil H. Sayyad , Santosh A. ShindeK

Tourism is travel for pleasure; also the theory and practice of touring, the business of attracting, accommodating, and entertaining tourists, and the business of operating tours. Tourism is one of the most significant industries in many countries and its importance is rapidly growing n recent years. In order to guide tourists, there exist various typesof tour guide methods. Among them, paper based and Mobile based systems are the most commonly used ones to provide tour routes and heritage information for tourists.
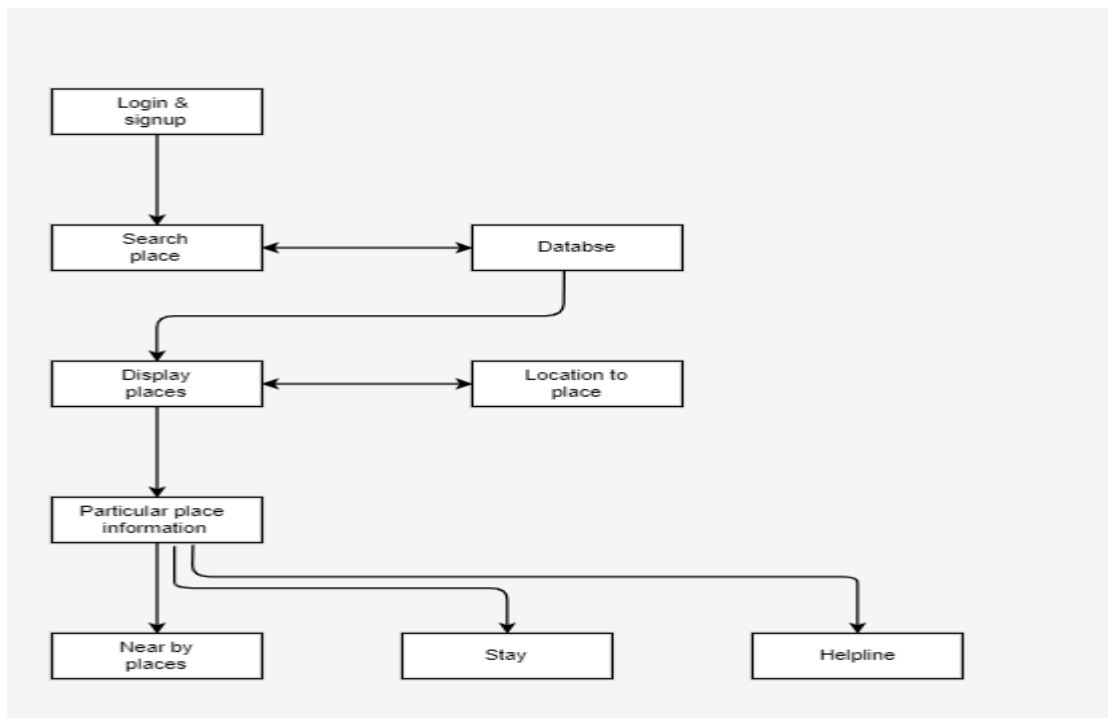
3.paper name: Car sales prediction using machine learning algorithmns

Author: Android Based Tourism Guide for Benishangul-Gumuz Region, Ethiopia

Benishangul Gumuz is one of the regions which have a potential of tourism in Ethiopia. In order to visit the region tourists have to go to tour operators office or must have a printed guide booklet of the attraction sites. Due to the lack of updated information, tourists are not be able to visit all tourism attraction sites. This research project tries to provide convenience to the visitors by providing a solution to the problems that the tourists faced during their visit.

IV.PROPOSED SYSTEM

Proposed Tourist Guide Project system provide accessing the information and user can also view their desired location into the map as well. Touristers get access to the other information related to the place such as the specialty of that place, nearby hotels, restaurants and helpline numbers and so on…

V.METHODOLOGY

As shown in proposed system, the architecture depicts the workflow of the application. First, the application is launched then the Login/ Registration appears. In the Login/Registration page the user has to login using their email and password or the new user could register there. We have used firebase in the login page, so as to match passwords.

If the Login fails the user can use forgot password or Login again. Then comes the User Dashboard which consists of two buttons first is to searching for the places second is to contact with us for any feedback.

After click on search button the next page occurs that contains districts list with the intrested content of the user such as season wise and category wise places. Here user can check the checkboxes or select the options with there interest and click on search button. The next page displays all the places with before selected options. After clicking on anyone place user can get all the information about that place with the images and audio files. Also get the near by tourist places. If user doesn't know the location of the place we will provide map with the current location to that particular tourist place location. User can get the nearby hotels, hospitals and police stations information for any difficult situation.

The features used in developing the project are Android studio, Firebase, Android SDK and JDK and java programming language. Android studio is the platform where the complete programming of the project is done. Firebase is used for database. Android SDK and JDK are tools used to create and compile packages. Java is the programming language which helps in app development

VI.CONCLUSION

From the analysis, we conclude that our tour guide app is able to meet up the requirement for the traveller for a great travelling experience. The system provides the information of tourist places and near by recommendations such as hotels, hospitals, and so on. The system is a combination of android phone and internet to facilitate the tour of user.

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