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TRAVEL ADVISOR

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Abstract : The tourism sector is a sector of great social and economic importance and is one of the sectors where there has been a growth in the use of mobile applications to support several activities. In this sector, mobile applications can be useful for tourists in general, but also for those who have some kind of disability or restriction. For these, mobile applications can help to obtain the information and recommendation of points of interest that are in accordance with their interests and are suitable to their restrictions. This app is useful to search better locations as per weather for the tourist. This paper describes the development of a mobile application for presentation and personalized recommendation of points of interest for inclusive tourism. The goal is an application to run on smartphones with Android OS able to provide the user with information compatible with their own profile. This application stands out by allowing an automatic filtering of information, considering the location and profile of the user, and providing him with more personalized information, relevant and appropriate to his situation, and thus contributing to a better inclusion. This paper describes the most relevant aspects of the development of the application.

Index Terms - Android, whether for casting ,Google map ,Mobile.

I. INTRODUCTION

Tourism is the activities of people traveling to and staying in places outside their usual environment for leisure, business or other purposes for not more than one consecutive year. A mobile travel app is a software application that has been developed specifically for use on smaller devices, such as smartphones can be used by business travellers to book and manage their travel whilst on the move. The tourism sector is a sector of great social and economic importance and is one of the sectors where there has been a growth in the use of mobile applications to support several activities. In this sector, Mobile applications can be useful for tourists in general, but also for those who have some kind of disability or restriction. For these, mobile applications can help to obtain the information and recommendation of points of interest that are in accordance with their interests and are suitable to their restrictions. This app is useful to search better locations as per weather for the tourist. This paper describes the development of a mobile application for presentation and personalized recommendation of points of interest for inclusive tourism. The goal is an application to run on smartphones with Android OS able to provide the user with information compatible with their own profile. This application stands out by allowing an automatic filtering of information, considering the location and profile of the user, and providing him with more personalized information, relevant and appropriate to his situation, and thus contributing to a better inclusion. This paper describes the most relevant aspects of the development of the application.

Tourism Management System is a complete tourist fully integrated tourism android application. The app covers all the areas required for and including tourism, This project is developed to manage the tourist in the tourism management application. The main modules in this project are login, tourist management, complaints and reports. Travel agents help clients with travel arrangements and provide information on destinations, transport expected weather and accommodations. The job of a travel entails several tasks from providing information to advising clients on their travel information. This is just one of the arrays of careers available in the large tourism sector. In order to gain entry and succeed in the profession of travel agents there are certain educational and skills requirements.

II. RELATED WORKS

A Virtual Travel Agent System for M-Tourism with Semantic Web Service Based Design and Implementation :With the recent advances in Internet and mobile technologies and infrastructures, there are increasing demands for ubiquitous access to tourist information systems for service coordination and integration. However, disparate tourist information and service resources such as airlines, hotels, touroperators, etc., make it difficult for tourist to use them effectively when planning their trips and/or during their

trips. Motivated by the emerging technologies of Multi-Agent Information System (MAIS) and its ability to aid Internet and mobile users, together with semantic Web that can effectively organize information and service resources.

Mobile applications are one of the most important information platforms for international tourists. Millions of tourists use mobile applications to find information and make transactions. Two popular Online Travel Agent (OTA) mobile applications for travel-related activities providers are Traveloka and Tiket.com. These applications certainly must meet travellers' needs to achieve satisfaction. Such satisfaction related to application.

A Mobile tourism recommender system :

Mobile tourist guides have been in the spotlight during the past decade resulting in many prototypes, either full-fledged standalone mobile applications or web-based applications. Particular emphasis has been given to personalisation of services, typically based on travel recommender systems used to assist tourists in choosing places to visit; these systems address an important aspect of personalization and hence reduce the information burden for the user.

Application for e-Tourism: Intelligent Mobile Tourist Guide :

This paper presents an e-Tourism application for supporting tourists in a region. The application recommends the tourist attractions that are interesting to him/her based on the tourist preferences and the current situation in the region. Attractions and their descriptions & images are extracted from accessible Internet sources (like Wikipedia, Wikivoyage, Panoramio). They are ranged by the special recommendation service of the application. Recommendations are based on ratings set by the tourists that use the application.

III. METHODOLOGY

The gps and geo tagging based application. TravelNow permits users to get your guidance information they need anytime and anywhere. It allows the users to know their current position using gps technique and search the points of interest location. According to the searched location all the relevant destinations like restaurants, heritage hills, pilgrimage, beaches etc; will be shown that gives the complete information with ratings also. It gives the railways, flights, and caps information between any two chosen destinations to the users. We can say that by using this application users will be able to know all possible information about any particular city. It also allows the user to gain information for "popular seasons". Thus we can say that by using this geo based web application users can plan their trips and enjoy holidays in a better way. Apart from all this information provided by this application, it also provides special facilities that allow the users to add their important works, tasks or anything else which he/she wanted to add as a reminder purpose. It also allows the users to know weekly suggestions as suggested by the developers season by season via notification and users can also solve their queries via help center.

FIREBASE AUTH LOGIN REGISTER:

FirebaseUI is a library built on top of the Firebase Authentication SDK that provides drop-in UI flows for use in your app. FirebaseUI provides the following benefits:

- **Multiple Providers** - sign-in flows for email/password, email link, phone authentication, Google Sign-In, Facebook Login, Twitter Login, and GitHub Login.
- **Account Management** - flows to handle account management tasks, such as account creation and password resets.
- **Account Linking** - flows to safely link user accounts across identity providers.
- **Anonymous User Upgrading** - flows to safely upgrade anonymous users.
- **Custom Themes** - customize the look of FirebaseUI to match your app. Also, because FirebaseUI is open source, you can fork the project and customize it exactly to your needs.
- **Smart Lock for Passwords** - automatic integration with smart lock password for fast cross-device sign-in.

VOLLEY LIBRARY IN CHATBOT:

• Volley is an HTTP library that makes networking very easy and fast, for Android apps. It was developed by Google and introduced during Google I/O 2013.

• It was developed because there is an absence in Android SDK, of a networking class capable of working without interfering with the user experience.

• Although Volley is a part of the Android Open Source Project (AOSP), Google announced in January 2017 that Volley will move to a standalone library. It manages the processing and caching of network requests and it saves developers valuable time from writing the same network call/cache code again and again.

• Volley is not suitable for large download or streaming operations since Volley holds all responses in memory during parsing.

FIREBASE DATABASE FOR STORE DATA

- The Firebase Real-time database uses data synchronization instead of using HTTP requests. Any connected device receives the updates within milliseconds. It doesn't think about network code and provides collaborative and immersive experiences.
- The Firebase Realtime Database can be accessed directly from a mobile device or web browser; there's no need for an application server. Security and data validation are available through the Firebase Realtime Database Security Rules, expression-based rules that are executed when data is read or written.

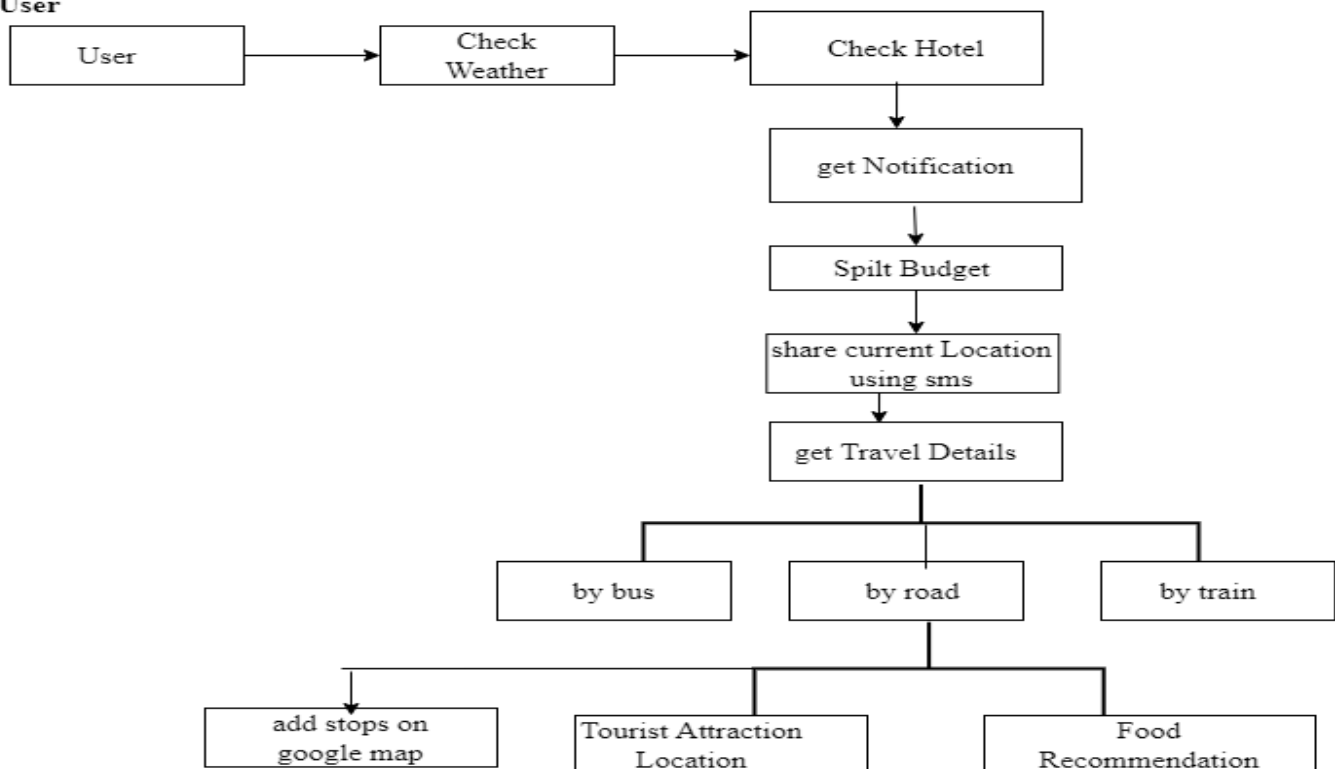
IV. SYSTEM DESIGN

4.1 ARCHITECTURE:

Admin



User



V. ADVANTAGES AND LIMITATIONS

5.1 Advantages

1. Tourism apps allow tour or travel agents to understand the customers effectively.
2. They are useful to provide customized services to the users of the application.
3. Due to travel apps, agents can have efficient communication with the customers.
4. Travel advisor brings people, passions and places together. We aim to help make you a better traveller, from travel planning, to taking a trip.
5. Our app lets you get the most out of your trip – whether you're planning or on-the-go. Discover where to stay, what to do and where to eat based on guidance from travellers who have been there before.
6. Find deals on hotels, book experiences, reserve tables at great restaurants and discover great places nearby.
7. One of the main reasons why travelers choose to design a custom trip with a travel advisor rather than book a packaged tour with a large company is the extra flexibility.

5.2 Limitations:

1. Tourism apps allow tour or travel agents to understand the customers effectively.
2. They are useful to provide customized services to the users of the application.
3. Due to travel apps, agents can have efficient communication with the customers.

VI. CONCLUSION

Post covid, people are very eager to travel and it is very cumbersome to visit physically to travel advisors for planning tours and travels. Our application after analysing different applications of tour and travel advising came up with an alternative and complete solution with which a traveller/tourists can plan economically his/her tour from home. The job duties of a travel advisor include coordinate with clients to determine their needs and show details of transportation, hotel reservation and use promotional techniques, and deal with travel issues. The travel advisor is responsible for organizing and selling transportation, accommodation, insurance, and other travel services. They guide and provide information to travelers about various destinations, modes of transportations, travel date, cost, and accommodation. The candidate needs to be a passionate traveler and need to perform arrangements for package tours. The aim is to keep clients satisfied and remain loyal to future services.

VII. REFERENCES

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