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Tour Guide Advanced System

Mr.A. Janardhana Rao*, **Mrs. T.N.V. Durga***, **Ms. Rishitha Yelleti**, **Ms. A.S.S.Vyshnavi**,
Mr. B.Vignesh , **Ms. Faryal Shaheen**

Asst.Prof., CSE Dept, Pragati Engineering College(A), Surampalem, A.P, India.

Asst.Prof., CSE Dept, Pragati Engineering College(A), Surampalem, A.P, India.

B.Tech. III Year Student, CSE Dept, Pragati Engineering College(A), Surampalem, A.P, India.

ABSTRACT

In today's world, the advanced tour guide system is a new technology. For many people all across the world, cell phones have become an indispensable tool. This program assists travellers by providing them with the necessary information, such as photographs, weather forecasts, and descriptions of the destinations they wish to visit. It is especially handy for those who want to visit places where they have no prior knowledge. Users can use the Google map service provided in the program to acquire more information about the destinations they want to visit. Users can choose from a number of tour and travel destinations..

Keywords— Android; Tour Management; Google Map; Tourist

INTRODUCTION

Developers have been urged to create mobile applications as the use of smart phones and internet technology has grown. Mobile tourism, which employs a mobile device as a travel guide, has grown in popularity in recent years. The visitor must use his phone to look up information on the places he wishes to see. A website that functions as a tour guide is the travel advanced system. Even if a visitor can find new destinations via the internet, obtaining necessary information about the places to visit is time consuming when the tourist is unfamiliar with the area. This article discusses a website that uses mobile software technology to improve the tourism experience. Mobile tour management services will help a developer create a mobile application based on real-time data values to improve the vacation experience. It will assist one in obtaining information on places to visit, lodges to stay at, restaurants to dine at, and checking out images and current weather that narrates the area description that they are now visiting without the use of a traditional guide.

In today's globe, the tourist industry's increasing growth has a bright future. In today's economic world, this industry faces increased rivalry. Because we live in a technologically advanced society, our objectives for tours and travel are always shifting. People used to go to travel consultancies for information on tour trip destinations and other travel-related topics in the past. There have been significant changes in prior and current tourism. Travelers rely heavily on the internet to gather information about various destinations and offers. The travel business employs complicated information technologies to effectively control tourist quality. For consumer happiness, products, information, and services should be of higher quality. What the user really wants is to get the most bang for their buck. The tourism industry relies on the internet to run efficiently.

Existing System:

In the current system, a user must contact several authorities in order to obtain information on specific locations. After that, the user can examine package details before booking tickets. This sometimes takes a lot of time and effort because he or she must first signup/signin before being able to examine package details. These pages may not provide the information that the user seeks, and the user may be misled as a result. Each operation is completed by hand, and processing is a time-consuming procedure. Previously, travelers had to manually record time table information on paper, which was both time consuming and costly. The passengers may not be able to meet their needs in a timely manner, and the outcomes may be inaccurate. The system has a lot of challenges and limitations as a result of human maintenance..

Advantage & Disadvantage of Existing System

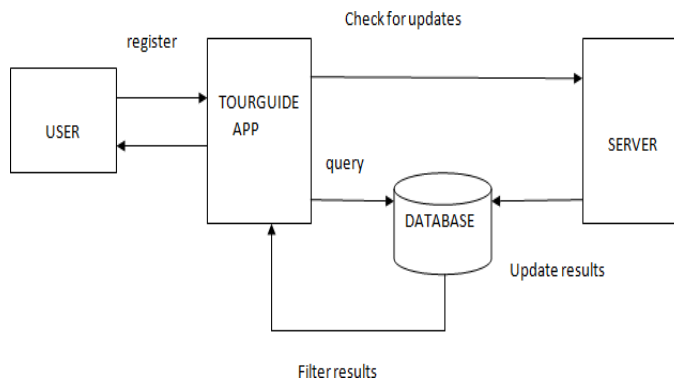
Tourist information is primarily accessed in the tourism business through newspapers, periodicals, radio, and other easy methods that are readily available. have disadvantages such as a small screen and a small keyboard, limited CPU capacity, limited memory space, and a poor and unreliable Internet connection A tour guide application is available on many mobile phones from recent decades. However, due to the continuous purchase of bandwidth, the application on these mobiles runs slowly. As a result, mobile end-user operation is extremely difficult, and the content displayed on the mobile device's screen is limited.

Proposed System:

A website is included in the planned system, which maintains centralized information. The technology makes it simple to find pertinent information. Any reader who visits our website will be able to see information on tour packages and google map modules. There is an inquiry section where users may write their difficulties and complaints, which can then be published to administrators and managed by them. Users can choose their preferred tour package and make reservations by simply entering their trip and accommodation dates in the tourplan. It is intended to be more productive than the manual system. It automates all basic operations that were previously completed manually, including as paperwork, transactions, and reports, which is a significant benefit. The proposed system is a computer-assisted application. Thousands of records can be searched and shown in a short amount of time..

Advantages of the Proposed System:

- Gives accurate information
- Simplifies the manual work
- It minimizes the documentation related work
- Provides up to date information
- Friendly Environment by providing warning messages.
- travelers details can be provided
- booking confirmation notification



SYSTEM ARCHITECTURE

The goal of system implementation is to make the new system available to the users who have been identified. At a finer level, consumers must be educated on how to use the system before putting the newly built system into production and checking that business operations that interface with the system are working properly. Changing from a system development to a system and maintenance mode of operation, with ownership of the new system shifting from the project team to the performing organization, is part of transitioning the system support responsibilities.

MODULES

1. User Module: Users can create an account on the website and utilize it in the future.

If the user is new to the website, he or she must register with their information. If the user has previously registered, he or she will be able to login in to the website using their username and password.

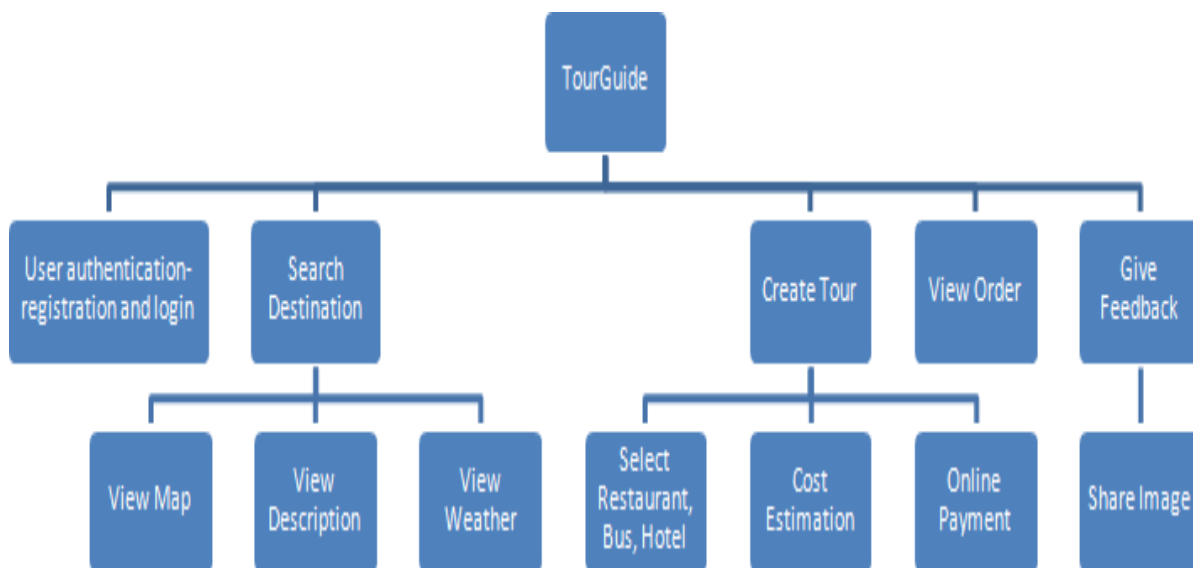
2. Package Module: In the package module, all tourist attractions are displayed as a list of packages. This module provides all of the information about the package. The package name is the name of the location, and the package type is whether it is a family tour or a general tour.

3. Google map module: The reader can view the route of their selected place by simply clicking the 'view large map' option in the Google map module. The use of Google Maps on our website can assist readers in quickly locating a location.

4. Enquiry Module: In the enquiry module, the user can enter information such as their name, email address, phone number, subject, and description. If the user has any questions, he or she can write them down in the description section. Admin can look at it and respond to their questions.

5. Admin Module: In the admin module, all updates, additions, and deletions of information connected to packages, as well as other information related to users, are managed. This module can only be accessed by the administrator.

METHODOLOGY



The Management Application is divided into five modules:

- User Authentication – Users who do not have an account must first register in order to create one. Logging in is done by a person who already has an account.
- Search Destination: After logging in, the user searches for the destination he wishes to visit. There are three sub-modules in this:
 - The user views the map of the specified place.
 - The user can examine the description of the selected site by clicking on it.
 - View weather- The user can see the current weather conditions in the chosen location.
- Organize a Tour- The user can plan a tour by choosing from a variety of options such as travel, hotels, and restaurants. The price is then calculated depending on the options chosen, and payment is made online.
- View Orders-Users can see the orders that they have placed.
- Provide Feedback-The user has the option to provide feedback on the application.
 - Share an image- The user can share their tour experience by uploading an image of the location they visited.

RESULTS AND CONCLUSION

Tourists' lives are made easier by tour management systems that take care of practically all of their needs while on vacation. This program assists travellers by providing descriptions, images, weather conditions, and maps of the areas visited. It offers the best hotels, restaurants, and transportation options. It calculates the distance between the current location and the desired place. Customized package selection, cost estimation, online payment, and viewing of chosen order are all available. When the user arrives at the desired location, he gets notified. The user can post photos of areas they've visited, share their travel experiences, and provide feedback.

CONCLUSION:

We have provided the concept of an advanced tour guide system that can give users with the necessary tourism guidance at any time and in any location.

This application combines smart phone and Internet functionality. The tour management android application helps users organize their vacations by providing thorough information about tourist attractions, including descriptions, images, and maps. The system offers a variety of features and services, including personalized packages, distance between current and desired locations, Google maps, and online ticket buying, among others. Real-time data is used to help the system achieve its core aim. This website was successfully established, and this application was used to store all of the travel admin, tourism package booking, creation management, and tour details into the database. It was thoroughly tested, and all errors were identified and corrected. The system's performance was also found to be satisfactory throughout testing. All of the required output has been created. As a result, this technology makes it simple to automate all consumption functions. This application will be beneficial if it is implemented in a limited number of instances. The project can be improved further so that the website performs in a more appealing and useful manner than it does now. It is concluded that the application is functional and meets the requirements. The application has been thoroughly tested, and any errors have been identified and corrected. It also serves as a means of exchanging files with valuable resources.

REFERENCES:

- [1] Sawsan Alshatnawi " Building Mobile Tourist Guide Applications using Different Development Mobile Platforms" Jordan, Irbid, Yarmouk University, <http://www.sersc.orgjournals/IJAST/ vol54/ 2>.
- [2] Li Liu; Yanfang Jing "Android city tour guide system based on Web service" 2nd International Conference on Consumer Electronics, Communications and Networks(CECNet), pp.3118-3121, 2012, DOI:10.1109 /CECNet.2012.6201621.
- [3] Alexander Smirnov; Alexey Kashevnik; Andrew Ponomarev; Maksim Shchekotov; Kirill Kulakov "Application for e- Tourism: Intelligent Mobile Tourist Guide" IIAI 4th International Congress on Advanced Applied Informatics, pp. 40 - 45, 2015, DOI: 10.1109/IIAI-AAI.2015.190.
- [4] Alexander Smirnov; Alexey Kashevnik; Nikolay Shilov; Nikolay Teslya; Anton Shabaev "Mobile application for guiding tourist activities: tourist assistant - TAIS" Proceedings of 16th Conference of Open Innovations Association FRUCT , pp.95 - 100, 2014, DOI:10.1109/ FRUCT.2014.700931.
- [5] Hamzah Alghamdi; Shiai Zhu; Abdulmotaleb El Saddik "E- Tourism:Mobile Dynamic Trip Planner" IEEE International Symposium on Multimedia(ISM), pp.185-188, 2016, DOI:10.1109/ ISM.2016. 0044.
- [6] Ridi Ferdiana; Bimo Sunarfri Hantono "Mobile tourism services model: A contextual tourism experience using mobile services" 6th International Conference on Information Technology and Electrical Engineering (ICITEE), pp.1-6, 2014, DOI:10.1109/ICITEED.2014.7007909.