

ANDROID BASED TOURIST GUIDE SYSTEM

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Abstract— The project “ **ANDROID BASED TOURIST GUIDE SYSTEM** “ is developed to help the person who is unknown about the tourist places in Tamil Nadu. The goal of their project is to explore how to realize a mobile tourist guider using the android platform. This application helps the user to know about the tourist places without the help of third person or strangers. The user can use this app for searching particular places such as Temples, Hill stations, nearby hotels and other tourist places. The project plays an important role as an online and offline app. The android based tourist guide system is easy, efficient, quicker and flexible for all the needs of the tourist. This project is developed by using Android, XML as front end and Java, SQLite as back end. Overall, the project presents a comprehensive understanding of how to realize city guide on the new mobile platform Android.

I.INTRODUCTION

The project “**AndroidBased Tourist Guide System**“ is designed using android , XML as front end with coding languages Java and SQLite Server as back end. This android tourist guide provides the tourist with city map, tourist place images and details of the places. This information helps the tourist to find the desired tourist place to visit.

The main purpose of the project is to design a tourist guide mobile application under the Android platform which helps the user to navigate places within the city, assists in searching for hotels and historical places easily. It consists of the entire details of the tourist place and how to reach the locations like temple, hills and other tourist place

etc,it provides the basic information to decide the places to visit.

This project is mainly beneficial for the tourists who has no idea about the places they want to visit. By providing a geographic based information system the tourists and people shifting to new cities can get a better guidance of the place they want to visit.

This project is designed and implemented by considering basic requirements for a tourist guider application showing a locating places with customized information and a details residence nearby and the location in map.

II. OBJECTIVE

- The objectives of the project is to develop a system that automates the process and activities a travel agency and customer details. The purpose is to design a system using which one can perform all operations related to travelling and sight- seeing.
- The aim to design and develop the project is to produce a tourist guide the application is to user friendly tourist guide over android operating system.
- To changes the traditional techniques of human guides by using printed maps and written information. To provide location base services for tourist using GPS co-ordinates.

III.PROBLEM STATEMENT

- A tourist needs modern technologies which can serves to them, so the android application should be easy to use and efficient to manage the travelling activities.
- They have to pay a part of amount of travelling budget to local guides and agents to get information.
- For solving the problem we are going to develop android based mobile application which can help tourist to fulfil their wishes.

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IV. LITERATURE SURVEY

According to the paper smart travel guide the location independent systems have been detected as an important part. This system takes the advantage of light weighted mash up technology that can combine more than one data sources to create value added services. Another paper is android based city guide system it can be realized to create query information system for hotels, scenery, restaurants.

A. EXISTING SYSTEM

In Existing system the user who are visiting a particular places need to gather some information from the person who is staying in the place or asking help of the tourist guider in the tourist spot. Gathering all the information they need to visit the place takes much time, effort and pre planning. This posses a lot of time and pre-planning.

B. THE DRAWBACKS OF EXISTING SYSTEM

- Individual application for particular tourist places
- History and information of the tourist places are not given
- Finding nearest place is not possible
- Updated images are not given
- Map option are not available

C. PROPOSED SYSTEM

This application aims to develop a tourism app with detailed texts, pictures and other guidance information. So user can better understand the tourist attractions and make decision objectively. The project plays an important role as an online app that pectoris the places required by the user with route map and location. It also act as offline app that shows the images and information of tourist places. The app will be up dated if required.

D. ADVANTAGES OF THE PROPOSED SYSTEM

- Major tourist details in single application
- To provide best tourist guider
- Tourist place details and updated images in a single application
- Opensource sharing facility with no pay
- Route map option is available.

V. MODULES

- Administration Module
- User Module
- Search Module
- Map Module

VI. WORKING MODEL

1) MAIN SCREEN

The home screen of the application where the overall categories of places are listed. The user can select the place according to his wish.

2) PLACE GENREING

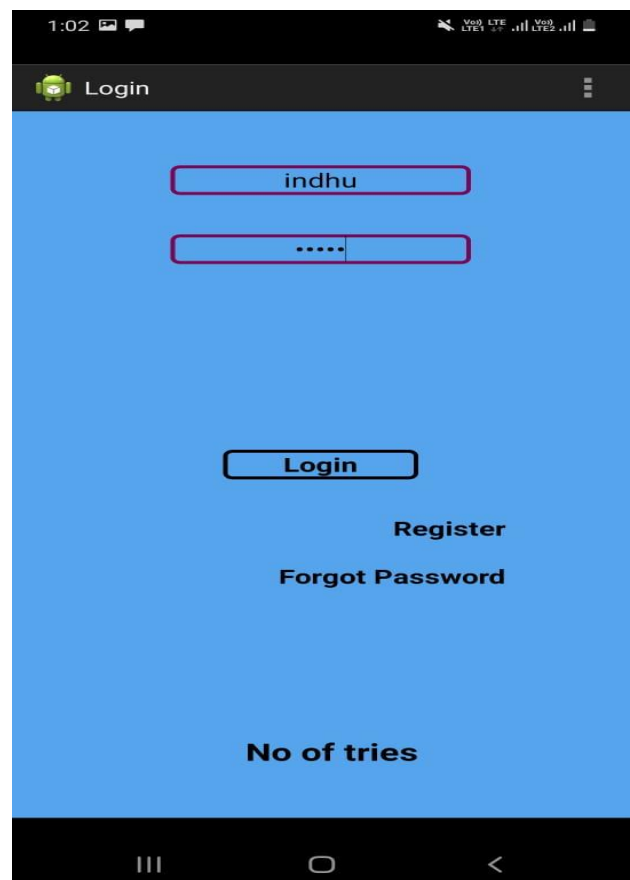
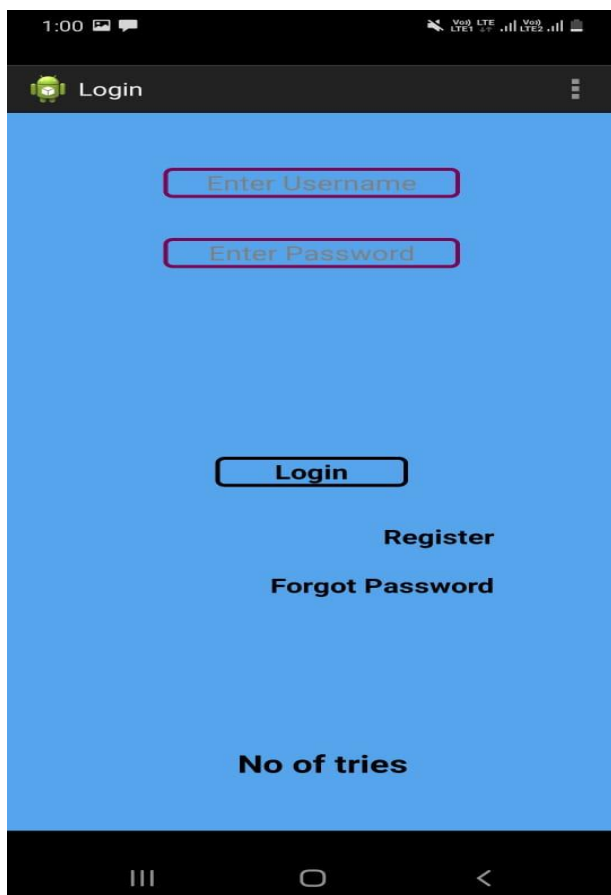
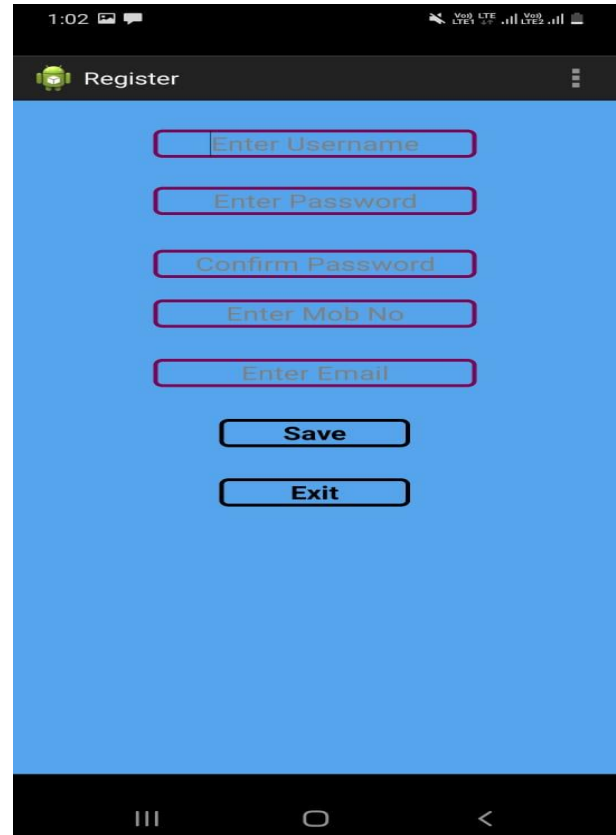
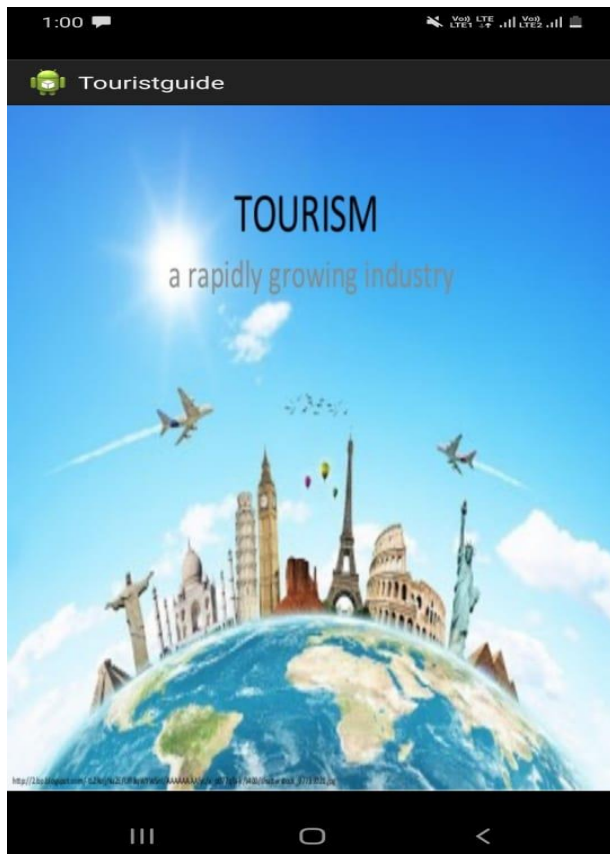
It is a part of application which categorizes the tourist place based on the nature like hill stations, waterfalls etc.... All the available places are arranged below the particular categorization.

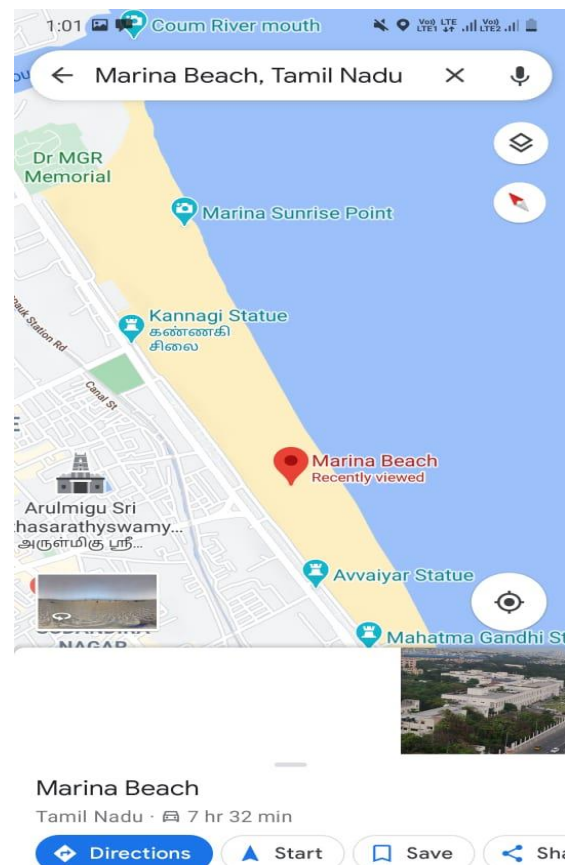
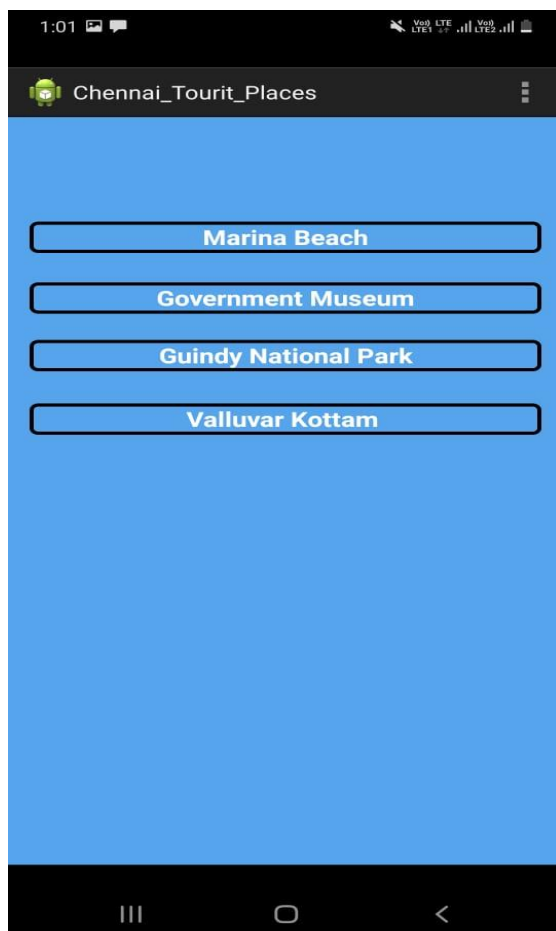
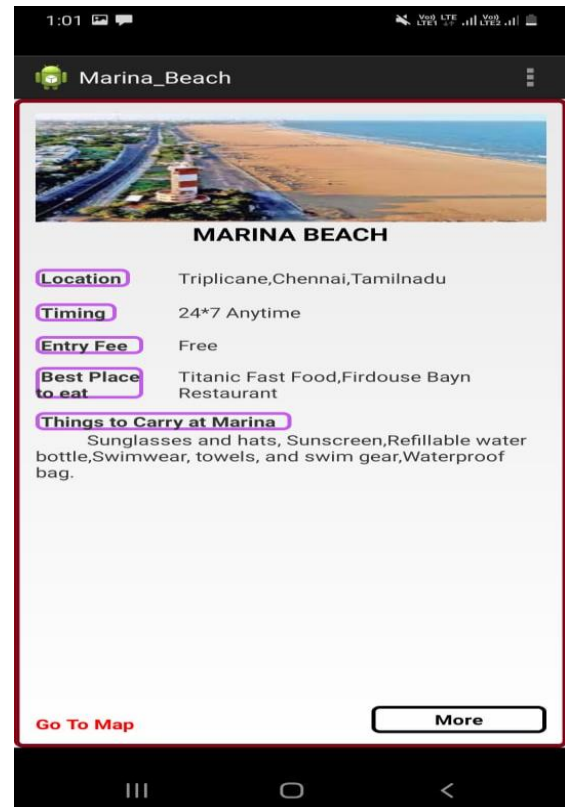
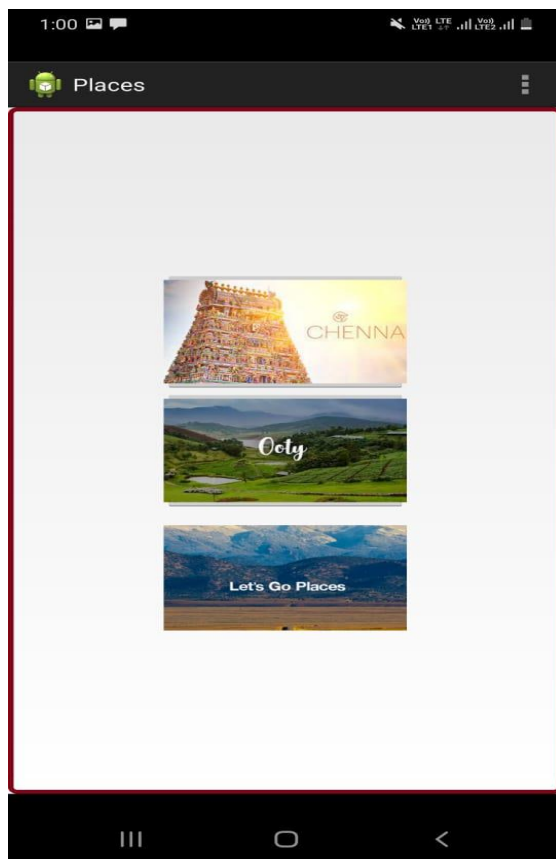
3) DISTANCE & DIRECTION

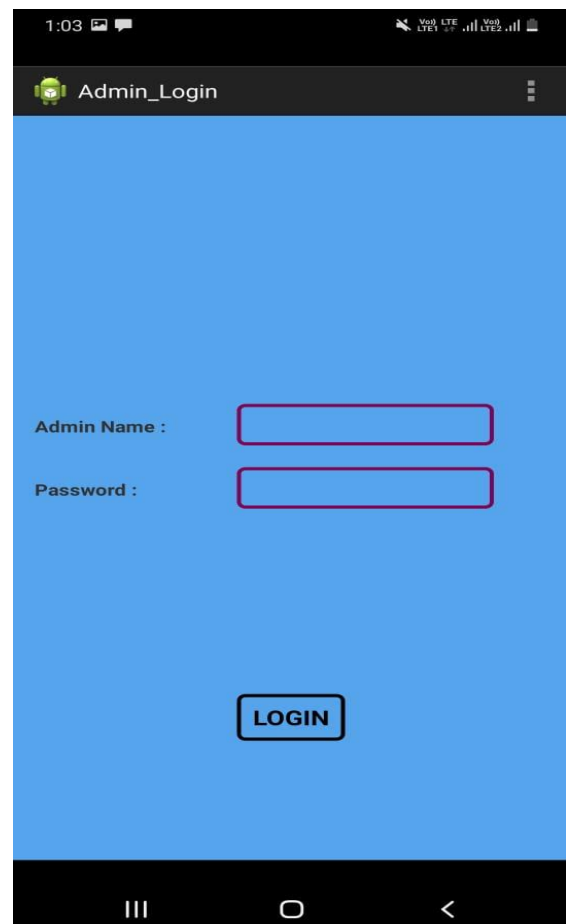
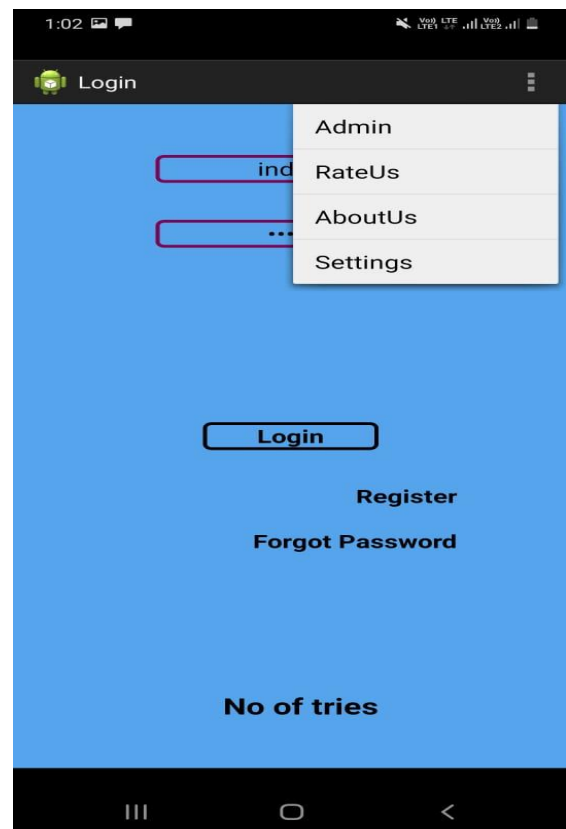
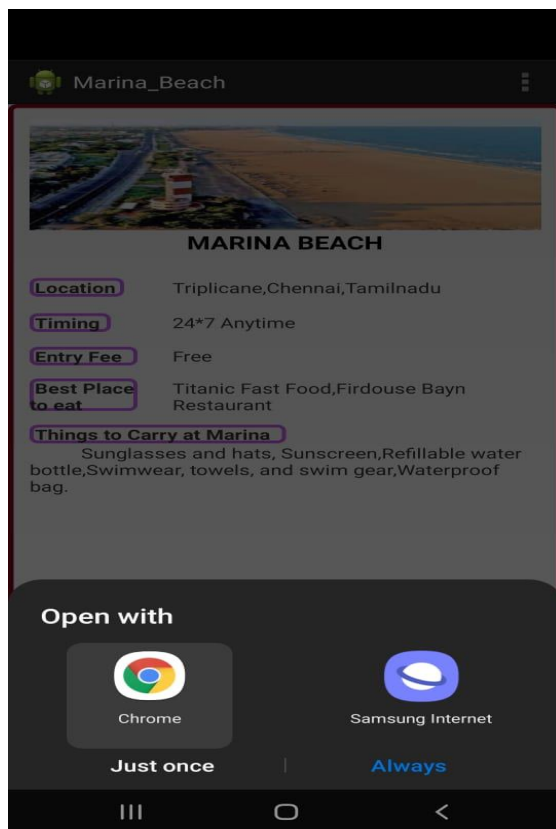
Once the user have selected spot and clicked on Root Map button, it will direct to Google Map API which shows the source to destination distance and approximate time taken for the journey.

4) GPS

Global Positioning System technology will help user to locate the current location where they are standing at present.







1:03

Manual_Adding

Place Name

Timing

Entry Fees

Address

Add

Exit

1:02

About

A tourist guide is a person who checks and plans all the accommodation facilities and travel arrangements for a group of tourists. The job of a tourist guide is both challenging and interesting. He is like a storyteller who shares information such as the history of a particular place, the culture and other interesting things with the tourists. He is the one responsible for conducting guided tours of a place or an area and also ensures that he answers guests' queries. Some of the major duties of a tourist guide are monitoring the safety of guests, reciting and memorizing the tour scripts, handling customer service interactions, such as transaction and payment and guiding directions and areas to the guests.

Candidates who have good knowledge and an interest in exploring the tourist attractions along with good communication skills can choose a career as a tourist guide. In addition to this, he must have social etiquettes. Tourist guides are hired by tour and travel agencies, for the management related tasks of various tourist attractions and travel-related websites.

1:02

Rate_Us

Rating

Submit

VII. CONCLUSION

The project “Android Based Tourist Guide System” is an important tool for a tourist. Most of the traditional methods are time consuming and required skilled human resource who support to guide the tourist in field. Deriving from the objectives of this project, the outcome of the project was development of a mobile travel tourist guide application with added functionalities to an existing application. The main purpose of the proposed project is to provide the user a more convenient application compared with the other traditional travel guide.

The “Android Based Tourist Guide System” provides an easy way to use menu where user can select different options according to the user needs. The selected tourist locations, images, details of the tourist places details and other options are created according to the user needs.

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