

SMS Based GPS-Question Resolution Provider and Emergency Notify about Health Disaster

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ABSTRACT: The main objective of this application is helps to society. The user gets registered within this application. After registering to this app, it provides useful information to the travelers or tourist regarding a geographical locations and information's about that place; this app connects traveller and host persons directly to save the journey time of tourist person's. And also traveller can get accurate information's about destination or itinerary, by querying to theirs questions. If the host persons not available for traveller time, then a person who is authorized by admin as guide of this application can connect to the user and gives information's about the locations through a chat with the user Queries. So the person gets the clarification on his travel with a best guide as our application. this app also provides an emergency button, that is if the traveller get insured in some places or in natural disaster then guide get an information's of that place and persons, so its helps to notify its emergency through a SMS to the nearest hospitals, its helps to reach the location by using Google MAP.

KEYWORDS: Resolution, Query, Disaster, SMS, GPS.

I. INTRODUCTION

Now a day mobile became one of the part of life and nothing can replace them. Because they serve as communication between the persons as well as clearing the needs in important situations by user friendly natured apps. So that the Android mobile is one of the platforms for our application, this application introduces a connection between a traveller and a host person directly. When a new traveller or tourist faces problem to travel without guidance for his journey while visiting a capital cities or unknown places. His journey becomes risk. Because a journey without guide is meaningless and not secured once who giving importance to time.

All these drawbacks can be removed by using a GPS Question resolution provider. In this application a traveller can receive an instant solution on basis of the GPS location of the app-user. Here the person having authority to introducing himself by registering to app. This register will be activating or deactivating can be done by the administrator. The admin has authority to this first Map of using the application.

Alter the activation. The user can log on and get starting to query. In first stage the self-locator finds GPS location of user and then after the user receives the destination information instantly. This application provides clear information regarding user path by querying the user questions. This information is not only given by a host person, a city known person can also chat to the user quires. So the person gets the clarification on his travel with a best guide as our application. The user can get a travel details that suggest transport facility which is available by Bus root, bus number or private transportation facility, economical information regarding the accommodation.

One of new keyword is used in app is Emergency notification, this future helps the person one who in emergency case like accident, or in natural disaster. When a user clicks on this button, he gets information of accident person then informs to the people one who knows the accident person, also send message to nearest hospital by using GPS locations. In this application the user can receive the travel information as well as user can get emergency notification if he interested to know. The person can locate at correct destination by an application and also after using an app, the user

can review and putting rating points to app by his satisfaction. If person get late for the admin response, he can move into expert's advisers which are already existed and governed by admin as guide man. This facilitates the user for his satisfaction.

Objectives:

The yearly growth in demand for tourism systems is causing safety, economic and environmental concerns. This app is helping to alleviate these concerns by taking a new approach to traveller or tourist persons using new technologies. The paper is about cooperation, by sharing travel information and providing positive incentives for travellers, road authorities and others to 'make the smart travel choice.

To achieve this, we are developing social network services that inform people in a personalized way on their travel alternatives, allow travellers to optimize their route, inform them on how to reduce the impact of mobility on the environment, and allow them to set and monitor personal objectives regarding increased individual safety, reduced travel times and costs, improved comfort, and better health.

Scope:

- Direct contact from any location.
- 24/7 traveller support with accuracy.
- Private agents which are authorized by admin.
- Instant updates and alerts through push notifications or SMS.
- Notifying users about the nearest sightseeing, cafes, museums, and so on
- If person get health problem, use emergency notify service.

II. EXISTING SYSTEM

One of the fundamental components of facing a problem by traveller or tourist in the society is misguidance path directions. Majority of a traveller facing a problem in this way to get misunderstanding of the society, he needed a journey with the goal that individuals may carry on and convey what needs be as they choice.

This is not just allowing single person to choice their pioneers. additionally, to openly express their view on issues. Just response of a person in capital cities we cannot expect because no one can be going to guide a person in right way to join him to correct destination that's bring a good relation between a tourist and a city person.

With the act of moving from one thing to another of time, placing the destination, which was became a most part manual, has been impacted by providing an information, with accessible satisfaction emerging about journey or not, he may think with of the modernized applications. Totally it is difficult to deduct the requirement for placing a person with correct destination by avoiding a cheating in the commercial cities. Instead of facing the number of path confusions while a new traveller or tourist travel without guidance for his journey visiting a capital city or unknown city, his journey becomes risk. Because a journey without guide is meaningless and not secured once who giving importance to time.

III. PROBLEM DEFINITION

We are living in an information era and collaboration natured society with guidance is one of the major binding on self by social is to the open. In our country, manual system has been sent for a long ago. Be that as society may, we can show some of these issues on manual travelling system. Manual information process has brought on a few challenges for journey process furthermore it has a few disservices for the general population. So now we discuss on them issues. Specifically, there have been instances of indeterminate in path that can be become unacceptable surveying stations and individuals are some who with the issues in the middle of by miss guidance. In some cases, individuals may not have knowledge of cities even he may be leaving with ten or few years. checking himself for determination and therefore reason they don't satisfy their knowledge for containing such information. The gathering of time also issues to be appearing destination process since this activity is done physically.

Because of manual surviving process there is large amount of persons to meet and waste of time for irresponsible answers surrounded by busy manual system. Journey member for the most part does not know an excess of troubles about the unconditional path in their judgment district. With the development and expansion in innovative new system

were looked for to handle the quality of being discreet process, for example, e-information system. Electronic information is the procedure of utilization of GPS or other electronic gadgets to forward his journey in a rare time. So with a specific end goal to overcome those problems there is a need on the other hand a contemporary electronic information system with neat framework not with misunderstanding manual information system. By configuration of such a structural application can utilize their journey within any determination field condition deserve to be the framework of some time helping. Additionally, by utilizing the techno applications is become common in personal mobiles. User can learn insights about the correct path destinations and they will be associating with each other for guidance notifications in applications. This app will as encourage the system of tourism and create more precise important relations in society.

IV. PROPOSED SYSTEM

This application will be utilizing the electronic design app to help with the posting of task and time saving roots. Undetermined upon the specific usage, GPS location provider may enclose a scope of an interconnecting administration, from fundamental information transmission admin web block system through regular connectable friendly usable unit machine. Importantly, the level of processing may shift from basic tasks to a complete arrangement that include user cooperation and confirmation in journey note and grade of classification, and rare organization in information will be encrypt user as a carrier transmission to serve, ourselves in the application.

A capable of doing the transportation guidance must perform a large portion of gathering an information about area location, vehicle transportations in public or private sector while agreeing to an arriving with applications built up by administrative bodies, and should likewise be able to travel effectively with strong necessities connected with security, trustworthiness time saving with protection, chatting availability, economical point can be given to prescribed area, state of being exactness in guider notifications, versatility and natural maintainability.

GPS resolution location provider introduces something new can incorporate with the user needs, visual output system and particular guidance (independent direct-voice recording notifying or chatting notifications members in app, or GPS). It can likewise include transmission between the user and admin network means of phones, guidance systems, or the Internet, when all is said in done. Two fundamental sorts of user information can be recognized for activation or deactivation data system which is electronically directed by administrative free usage of number of applicants in huge network (e.g. usage of common application at a time by many aspirants) usage through the app where the admin setting off into a surveying location. Numerous drawbacks have been removed in place locator by instant notifications, for example, installing this application, user can easily assign to app user after the registration activated by admin block.

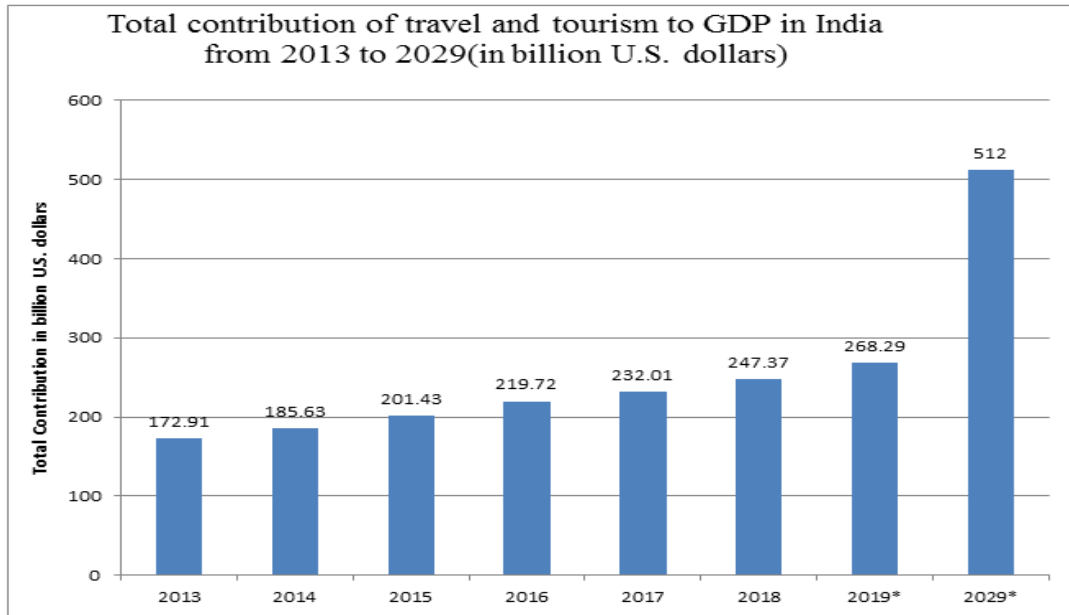
Features of the proposed system are:

- Only authorized people can give guidance notification.
- A person getting proper address can be located one is updated.
- No need to get the information in paper document to place his goal.
- GPS resolution location person will verify the actual address of the users to locate in deserved destination.



V. RELATED WORK

Total contribution of travel and tourism to GDP in India from 2013 to 2029(in billion U.S. dollars)



Source: Compiled from **statista** 2020

Table 1: Most Visited Countries in the World in 2019

S. No	Name of The Country	Visitors in Millions
1	France	82.6 million visitors
2.	The United States	75.6 million visitors
3.	Spain	75.2 million visitors
4.	China	59.3 million visitors
5.	Italy	52.4 million visitors
6.	United Kingdom	35.8 million visitors
7.	Germany	35.6 million visitors
8.	Mexico	35.0 million visitors
9.	Thailand	32.6 million visitors
10.	Turkey	30 million visitors

Source: compiled from World Economic Forum (WEF)-2019

During this era every one going to depends on the internet and automation of things regarding to this we are going to give a proposal by sending automatic messages to the numbers and identifying the particular place through Google map which is called GPS [1-8].

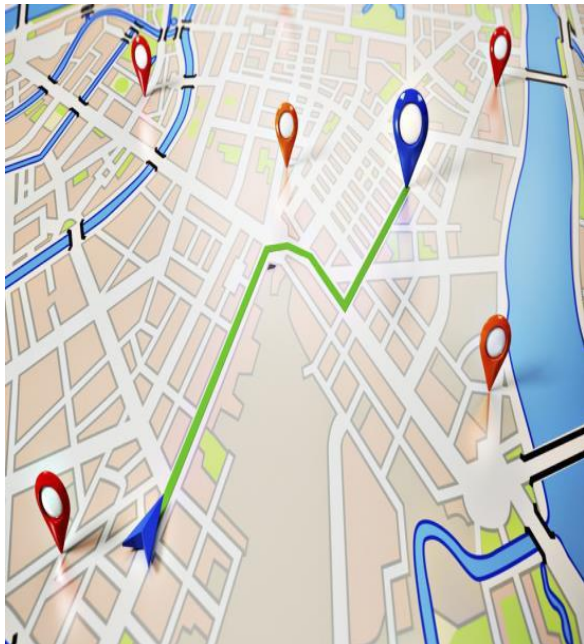


Fig. 1. GPS system

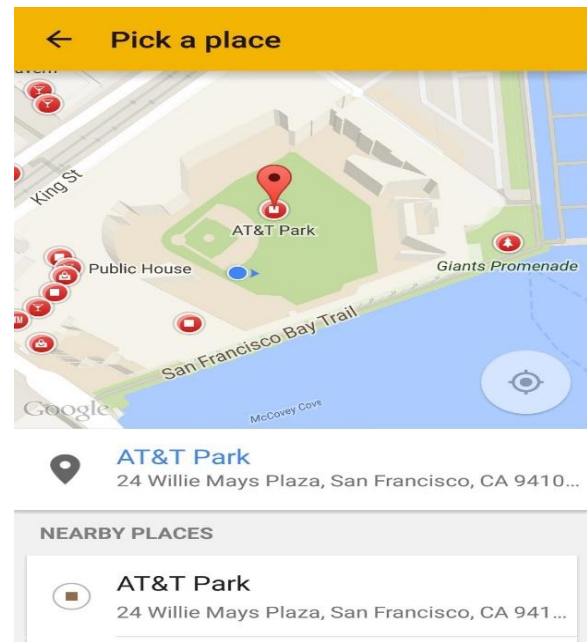


Fig. 2. Pick a Place inMAP

Global tourism is now generally recognized as one of the largest industries in the world and one of the most significant sources of employment and Gross Domestic Product (GDP). Tourism particularly benefits the economies of developing countries, where most of the sector’s tourism jobs and businesses are being created. Tourism is one of the top five most valuable exports in over 150 countries and ranks first in 60 countries. The industry accounts for 10% of all economic activity on the planet including 1 of every 10 jobs. Tourism’s contribution to GDP is especially high in the developing world, where sensible investment and careful planning can result in sustained economic development for generations.

- ❖ Looking to the next decade, 100 million new jobs could be created in the travel and tourism sector by 2028 – 64.5 million of these will be in the Asia Pacific region, with 35 million in China and 10 million in India. [ICAO, 2018]
- ❖ The travel and tourism industry investment in 2017 was \$882 billion, or 4.5% of total investment. It should rise by 4.8% in 2018 and by 4.3% over the next ten years, reaching \$1,408.3 billion in 2028 (5.1% of total). [World Travel and Tourism Council, 2018]

VI. CONCLUSION

In this paper, with the help of both web application and android application, end users can take the advantages of app that provides useful information to the travelers or tourist regarding a geographical location, tourist destination or itinerary by querying. In the existing system, end users visit App and can see the review point given to APP already used by the previous applicants. In the android application end user can view the Query and emergency notification in their smart phones and can login with confirmation notifications instantly. Emergency Notification Manager; This Key word as a responsibility of sending information the users as a notification when a new response is added to their query, or when an update is found for the question, then sends information to the users who were tagged with a question. Using this application, a traveller can receive an instant solution on basis of the GPS location of the app-user. Here the person having authority to introducing himself by registering to app. This register will be activating or deactivating can be done by the administrator. The admin has authority this first step of using the application. This app is developed using the framework called spring. It is scrutinized by hosting locally on apache web server for different lase cases. This product finds application in both small and large organizations which supposed to provide good application utilized by traveller or tourist to reach right destination.



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