Research Paper Engineering

Emergency Guide

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ABSTRACT

In metros, specifically like Mumbai, Delhi, we find lots of problems in emergency. In short, lots of problems which we should be able to report in minimum time to concerned authorities (say police station or Hospital in Mumbai). We intend to solve such problems where people can inform to nearest police station about crime or accident occurred and concerned authorities will came to know about occurred incident and can take further action against that. This application can help to decrease the crime rate and death rate.

KEYWORDS Android, Google Map, GEO.

INTRODUCTION

The People can either choose search or complaint facility provided by application. Search option will help to locate nearest Police Station, Hospital and Fire Brigade. The Application will fetch the current user position i.e. GEO (geographical) co-ordinates and search for nearest user desired destination in surrounding area. Application will show the shortest path and direction on Google Map. The Application provides facility to lodge complaint either to Police Station, Hospital or Fire Brigade. Complaint option will acquire user complaint details and user current location i.e. GEO (geographical) co-ordinates and according to user location complaint will sends to nearest Police Station, Hospital and Fire Brigade.

The main aim of this system is to help people in emergency situation like at accident places, or crime etc. This system can help people to take appropriate decision at the place of accident occurred or crime being happening. At accident place people can find nearest hospitals to help patient reach to hospital in minimum time. The People can also find nearest Police Station to lodge any complaint. People can also send landmark photos, videos related evidence to concerned authorities.

System will help user to lodge their complaint using android application from anywhere.

- User can send photos or videos of current incident
- User can inform to Hospital as well.
- User can inform to Fire Brigade as well.

System also provide searching mechanism

- User can search for nearest Police Station.
- User can search for nearest Hospital.

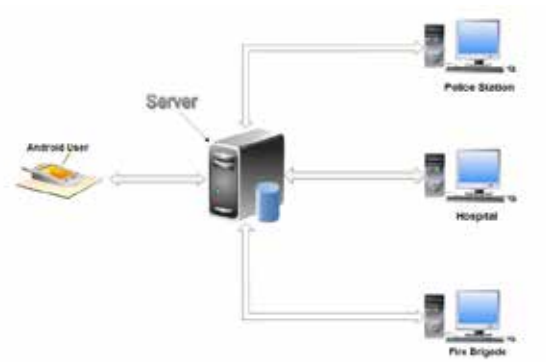


Figure 1: System Architecture

The android user will have application of Emergency Guide System. Once user logged in he/she can use application for searching nearest Police Station, Hospital and Fire Brigade. User can go to search option and select type of destination like Police Station, Hospital and Fire Brigade. After selecting desired destination, list of all possible destinations will be displayed. User can also view the route direction on Google Map to reach to respective destination. User can also use complaint mechanism to lodge complaint. User can also send photos and videos as evidence to concerned authorities. All the complaint details as well as user details will be send to concerned authorities (Police Station, Hospital, and Fire Brigade) through server.

CONCLUSIONS

We can say that this system is ease to use and only within some clicks user can lodge their complaint to concerned authorities. This System will let people to lodge their complaint along with evidence such as photos and videos etc. from anywhere at any time. The system is reliable and time saving.

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