

Survey on Problem Reporting to Respective Authorities

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ABSTRACT

In today's world, the use of mobile communication devices, such as smart phones and cellular phones. In field collecting the data is increasing due to the emergence purpose. Accurate, timely and handy field data collection is required for quick response during emergencies. In this paper, we introduce a web based mobile (android) application to collect different field of data from personal mobile phones. In the Problem Reporting to the Respective Authorities system which create android app which contains various departments such as Crime Department, Health Department, solid waste management, etc. In case of crime system, if any crime is happen at somewhere then user has to capture only the photo where the crime is happen then this picture automatically send to the police station server then server police station has given the reply to the user who send the captured photo. In case of doctor situation, if any patient is emergency, then at the time user has to type the message to the doctor that the patient is emergency. This message is directly go the hospital server then at the same time doctor has to be given the reply to the user that doctor is available or not. Same happen in case of solid waste management, in this for example if there is a big garbage at some where then user has to click to the photo of that garbage and send it to the solid waste management department.

Keywords: Android mobile phone, Crime Detection, Crime Reporting, online appointment, doctor-patient interaction

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I. INTRODUCTION

In 21st century where mobile and information Technology has become an integral part of our lives. A new area where mobile integrated with technology is useful for May application. In this paper we present the idea for creating android app for many different areas which is useful in today's life. In the Problem Reporting to the Respective Authorities system which contains various departments such as Crime Department, Health Department, solid waste management, etc.

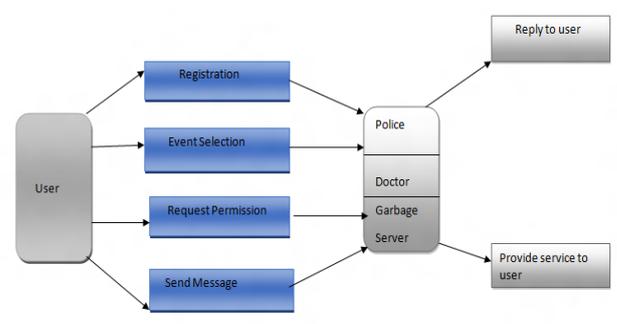


Figure 1: Overall Architecture of system.

In the existing system, where if any crime is happen at somewhere at the same time someone goes to the police station and register the complaint then they replies that they will come as earlier.it requires some to time go there and then register complaint and then police tell them that they will go there after some time. Now a days, this is happen with people.In the another situation, if any patient is critical emergency then people call to the ambulance and then ambulance will come after some time after ambulance reached to the hospital then there may be a possibility that doctor is not available in the hospital then it is too dangerous for the patient health.In case of solid waste management, anywhere the wastage which is thrown by the people which is dangerous for the people health. Every time it is not possible to the people to report to the solid waste department due to this the environment gets polluted due to this health problem may be arise.To avoid this type of system we are going to develop a problem reporting to respective authorities. In this type of system, the problem which is reported to the respective authorities. In case of crime system, if any crime is happen at somewhere then user has to capture only the photo where the crime is happen then this picture automatically send to the police station server then server police station has given the reply to the user who send the captured photo. This is happening in case of police system.In case of doctor situation, if any patient is emergency, then at the time user has to type the message to the doctor that the patient is emergency. This message is directly go the hospital server then at the same time doctor has to be given the reply to the user that doctor is available or not.Same happen in case of solid waste management, in this for example if there is big garbage at some where then user has to click to the photo of that garbage and send it to the solid waste management department. The department has to give the reply to the user that they will collect garbage as per their management.

II. RELATED WORK

This paper includes several pieces of key Literature in the area of android application of different areas. It consists of three different modules:

- 1) Online doctor appointment.
- 2) Crime report.
- 3) Solid waste management's.

- **Online doctor appointment:**

The proposed system consists of two panels: Doctor and Patient. The users will first have to download the android application and install it in their mobile devices.

The patient will have to register into the application for the first time. On registering, the patient will receive a username and password. The patient can use this username and password for logging into the app each time he uses it. After the login , doctors list will be displayed. The patient can select any particular doctor and view his profile. Also the patient can view the doctor's schedule and look for an appointment according to his convenience. The patient will then send a request for appointment. The doctor can either accept the appointment or reject it. The database will get

updated accordingly and the patient will get a confirmation Message.

This will be very useful in doctors as well as System Architecture

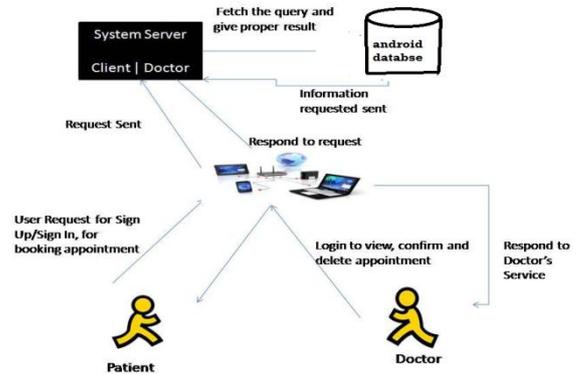


Figure 2: System Architecture of online doctor appointment system.

- **Crime report:**

The purpose of this paper is to develop an android Application for crime area detection and store criminal records. It provides an application for the user that would. It allows user to report incidents and get it verified by the police officials. It will consist of an application for police officials which can perform database operations on criminal record and allows efficient retrieval of required information from the centralized database .The application targets general public and police officials for managing the incidents and crime without consuming much time.

- **Solid waste Management:**

Same happen in case of solid waste management, in this for example if there is big garbage at some where then user has to click to the photo of that garbage and send it to the solid waste management department. The department has to give the reply to the user that they will collect garbage as per their management.

III. CONCLUSION

In the Problem Reporting to the Respective Authorities system which contains various departments such as crime report , doctor availability and solid waste management.

IV. FUTURE SCOPE

The future scope of this project is that we can extend this project up to the department level likewise water resource department, electrical department and other various departments which is being useful in future.

IV.FUTURE WORK

These proposed systems can be enhanced further. In futurescope of this project is that we can extend this project up to the department level likewise water resource department, electrical department and other various

departments which is being useful in future, sound pollution etc.

V. CONCLUSION

This project we create real –time pollution monitoring system application which helps to people to co-operate with management system

VI. ACKNOWLEDGEMENT

We would like to thank our guide and various technological experts who researches about problem reporting to respective authorities and improve the result by implementing new methods. We would also like to thank Google for providing details on different issues on problem reporting and about other related techniques.

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