We Safe(Anti-Crime Application)

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Abstract - Inevitably, incidents happen everywhere at any time. Incidents vary based on the level of complication and severity. Most incidents are not reported to authorities to protect their identity, the high rate of unreported crimes could affect the society in decision making and due to this situation, half of the crimes are not reported. In the proposed system, users can register to this application and can give the detailed report of crimes that happened. In the modification part, there will be three logins 1. User 2. Police 3. Admin. User can give the crime report along with the initiation of current GPS or can give location details manually with crime details with Photos, Audio, Video, Description of crime & category etc. date are sent to the server. Actions taken by police can be viewed by the admin and user. User can also transfer their files from the android to the remote server, which is split into several blocks and can be retrieved whenever it is required.

Keywords- Crime reporting, Location tracking-GPS, Android, We safe App.

I. INTRODUCTION

This project is all about, online crime registration for public and to view the system of crime report based on location. Nowadays, mobile phone usage has become inevitable but still there is no achievement of mobiles in crime department. A relevance initiation of current GPS will provide location details manually like sort, date, and time & evidences. Admin will read the standing of action taken. Server registers a grievance as long as quite two folks report constant event to the server. User can even report general grievance. Many crimes go unreported due to the insecure privacy issues.

Usage of mobile app is the best security platform for complaining the crime. And the other main thing is time consumption, by using this crime reporting app we save time rather than stepping into the police station for filing a complaint. This crime reporting application with good interface allows user to sent a complaint quickly in all sorts of situations. One of the most widely used technologies nowadays is surveillance cameras which help lots of people in any nature of businesses either in medicine, education or any institutions.

According to Phillips (2008), “CCTV systems can provide warning signs of potential criminal offenses and act as a reactive tool. CCTV monitors crowds and individuals, responds to threats and thus notifies the operator(s) of harmful behavior and actions before, during and after the occurrence of an event. The proposed application provides such a platform that a user can file the complaint or report a currently happening crime from any part of the world. It can assure the safety of a person at any place, at any time and at any situation, since it provides the panic mode. A person is always under a protection mode as long as the proposed application is installed in his/her device.

Fig.1 Application Home Page.

II. HISTORY

There are four different papers related to the Crime Reporter Application in the market Mwangala Mwiya, Jackson Phiri, Gift Lyoko [1], “Public Crime Reporting and Monitoring System Model Using GSM and GIS Technologies: A Case of Zambia Police Service” IJCSMC, Vol.4, Issue.11, November 2015, pg.207 – 226 is proposing a crime reporting and management model using GSM and GIS technologies in order to mitigate the
challenges faced by most developing countries in reducing the crime rates. The paper has designed a Public Crime Reporting and Management System that integrates GMS and GIS Technologies. The proposed paper has developed a prototype which showed the improved results in terms of crime reporting by the public using mobile devices and improved management of reports due to automation of crime reporting and monitoring. The proposed paper doesn’t provide the facility to use the application to non-registered users, which will restrict people from using the application in emergency situations.

III.LITERATURE SURVEY
Syed Mujtaba Raza and Prof. Leelavathi Rajamanickam in [2], “A Proposed Solution for Crime Reporting and Crime Updates on Maps in Android Mobile Application” have proposed and developed an android mobile application for the general public awareness of the crime situation of their area and to provide them crime locations on the map. This application also helps general public to report a crime to law enforcement agency. This android mobile application will help public to see the locations on the map which will help them to track the current situation of their surroundings. International Journal of Scientific & Engineering Research Volume 9, Issue 4, April-2018 25 ISSN 2229-5518. The proposed app shows only the crime prone area, whereas it doesn’t provide a platform to register the cases. It provides only public awareness.

Yadagiri, C.HruthikTeja, D. Sai Suma and A.Chaithanyain [3], “Crime Reporter and Missing Person Finder” have proposed an android crime reporter which tracks the investigation status of criminal cases with logs as well as it also track complaints logged by the user. The system is proposed to help agencies like CBI, CID and other such bureau’s to speed up their investigation process and track status of multiple cases at a time. In this system, the society itself helps the authority to get the crime details quickly and to proceed with investigation. They help the authorities to find out the crime ratio in the society. The system keeps logs of a case which includes case summary, people involved, disputes, past criminal history of those involved, items recovered on scene and other details.

The system realizes the type of case, allows admin to update the status of the investigation, upload more images of crime and items found on scene etc. User can post their missing person’s details with a photograph. User may also check for the status updated by the admin. The system is designed to aid investigation teams to work collectively on cases, coordinate and also speed up the process by suggesting logical suspects based on data provided. The proposed paper provides access for multiple cases at a time, which will result in skipping of cases according to people’s interest.

William Akotam Angangiba and Millicent Akotam Angangiba in [4], ”Mobile Solution for Metropolitan Crime Detection and Reporting” have proposed a mobile infrastructure for detecting, reporting and tracking down criminal perpetrators using a mobile device. This is based on client-server architecture; allowing users (the general public) to exchange various categories of crime/criminal related information with law enforcement agencies in real time. In this app the database is structured to contain information units in text, picture and video data formats. The DB Ana-lyzer Module analyses the database and establishes crime trends in the metropolis. In this app both police and the general public use same client app on their mobile devices to interact with the server.

Whereas police have the privilege of accessing all sort of information on the server, the general public is not. The police is identified by their ser-vice number while special groups of IDs are generated for the general public during installation. In the proposed application, even the police authority need to log in, in order to use the app. this paper provides mobile version even for officers, which will result in unauthorized access and thus results in misuse of the data.

IV.EXISTING SYSTEM
Table 1: Literature Survey

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<td>Number of Visible cases</td>
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V.PROPOSED SYSTEM
The proposed app provides a platform to register the grievances from any part of the world by just bringing the whole system online. The grievant just needs to register his complaint and wait for the status update. The grievant will notified through the app, about the status of his case. A grievant can file multiple cases through a single account. Both non-registered and registered user can use the application in emergency situations like, the user can use panic mode to record a currently happening crime or robbery, or can use alert mode to inform the authority if he/she spots a wanted criminal. User need to register and create an account in the app in order to register a complaint.
The user must provide clear and complete details with his Aadhaar card number to complete the registration and become a member of the application.

A non-registered user can use the application in emergency situations. The complaints registered should be genuine and the data provided must be real. The cases are forwarded to the authorities. The user needs to register into the app by filling the required details and then the user selects the category. The user has to fill in the details regarding his/her case.

The proposed application is designed as an android application. We develop a crime reporting page and status monitoring, in this user manually enter the crime reports about their crime by giving the some personal information like name, email, mobile number, other notifications. And after a day they can able monitor the status where the report have accepted or not. Users can view the status of the given report or complaint. Police can view and update the action taken like pending, arrested, enquiry etc. Status updated by police is viewed by the users too.

VIII. ADVANTAGES
- Convenient to use.
- Less time consuming.
- Free to use.
- The system is easy to deploy, safe with convenient operations.
- Access to authorized persons only.

IX. DISADVANTAGES
Designing the framework architecture for the system can be challenging part to make framework dynamic. The service servers can have their own technology to make it really secured.

X. SOFTWARE/HARDWARE REQUIREMENTS
1. Software Requirements
   - Windows 7 or higher.
   - MySQL.
   - JDK 1.7 or higher.
2. Hardware Requirements
   - Processor Co3. Bus speed 2.5 GT/s DMI.
   - Hard disk - 160 GB and
   - Memory size – 1GB RAM.

XI. FUTURE SCOPE
The system is designed for providing security with assurance. As, it is user friendly system and easy to use and there are no complications in this system. It will save the time, money and reduce human efforts also. Effective crime reporting platform is created with high security, less time consumption and information provided are reliable.

VII. DATA FLOW DIAGRAM

![DFD0 Level](image)

![DFD 1 Level](image)

XII. CONCLUSION
Effective crime reporting platform is created with high security, less time consumption and information provided are reliable. The study also looked at the crime rates and the crime frequencies in the city. From results, we can deduce that the count of the solved cases is very less compared to the registered cases, and the Applications have some limits that restrict the easiness of using the application, which results in one or the other complication.

The other reason is that some cases dominate the other cases due to influence. This leads to the increase in the pile of unsolved cases. The ultimate result of this study is therefore develop an Android We Safe application that will be used for crime reporting, which eliminates the influences and thus no domination and provide the both registered and non-registered users, a platform to interact with the authorities.
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