

TECH JUSTICE - TECHNOLOGY SERVING JUSTICEAN ANDROID APPLICATION

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ABSTRACT

In 21 st century, where mobile and information technology have become an integral part of our lives. A new area where mobile integrated with technology is useful for crime reporting and to ensure their own safety. Here we want to create an online crime reporting system software which is well accessible to the general public, the department of local government. The main idea of this project is to bring police and citizens together against crime, this influential tool has been developed to empower the common man. Generally, the public in Asian country is afraid to raise their grievance as a result of their false worry regarding the department of the local government. An android application for grievance registering can reduce the fears of general public and facilitate the public serving to the police in catching criminals. This system has been taken as a protective and safety based application for both public and government interest. The cyber crime is different from any other crime happening in the society. The reason being, it has no geographical boundaries and cyber criminals are unknown. It is affecting all the stakeholder from the government, business to citizens. In India cyber crime is increasing with the increased use of information and communication technology. Additionally, it facilitates users to voluntarily report a crime without disclosing identity, secure themselves in safe zone, access quick help, call police and enjoy convenience through instant towed vehicle search and notifications. It also helps track location of the victim when in danger and shares their location to nearby service stations. The working women feeling unsafe because of larger crimes and also missing child cases are increasing rapidly all over the world. Child care is major issue in solving this epidemic. The best solution for this problem is safety. So we design safety system for women & child security. Using women/children that will fetch current location of the women/children and also capture this image of the attacker and share these to the nearby service stations and patrols.

Keywords: Empower, Integrated, Grievance, Cyber Crime, Patrols, Convenience, Victim.

1. INTRODUCTION

The main purpose of developing the online crime reporting system is for the welfare and safety of the public. Due to some factors in today's time public sometimes do not trust the government officials, due to this they don't ever want to go to the station and file a report. So this system will reconstruct the bridge between the two - public and government officials respectively. So now if anyone want to file a complaint or misconduct, they can do it easily from their home. Instead of focusing only on the various technological possibilities of computers such as report by email in fear of revealing the ID we have gone for android app which is legal and with security to report crime irrespective of the age, gender or any other discrimination. It must be blogged so that the people who witnessed may get some courage to report of such crime.. So this is mainly to make everyone conscious about what all is going on around us and to take a safety measure, when everyone will conscious it will be a very decent society or evil free society, to make people know about what is going around is also an objective of this

project. So if any user have to file a misconduct report then this is the best system where he/she can file it online through this Android app, where they will first do the registration which is a simple profile creation and then file the report.

- The records are kept stored for the further welfare.
- All the criminal or any types of misconduct will be stored and all the detail about the culprit will be there.
- So in this system they can know about the criminals and local goons who are always highlighted and be precautious about it.
- In the public portal they only provide a username so that whenever they login again they do not have to do this again and again and there profile is created after the registration and it is stored.
- Now, comes the admin's portal this controlled by the government organization who look after all the reports which have been submitted by the user and they update the user.
- Both the government organization and the user can add any incident or accident or any offensive attempt which is violating the law.

2. LITERATURE REVIEW

Osman Nasr, Enayat Alkhider proposed the Online Complaint Management System provides an online way of solving the problems faced by the public by saving time and eradicate corruption. The objective of the complaints management system is to make complaints easier to coordinate, monitor, track and resolve, and to provide company with an effective tool to identify and target problem areas, monitor complaints handling performance and make business improvements. Online Complaint Management is a management technique for assessing, analyzing and responding to customer complaints. Complaints management software is used to record resolve and respond to customer complaints, requests as well as facilitate any other feedback.

There is also a major need to collect, review and understand the nature of conflict management and complaint systems around the world. Studies and citations are needed about how complaint systems work for women as well as men. Research is needed as to how systems work for many different national groups, for people of different socio-economic classes, and different ages, and different religions, and especially for contract workers and immigrant workers, in every country.

Aishwarya Mahajan, Durga Solse, Arzoo Mansuri, Akansha Gajb proposed Online crime reporting system is a system used for sharing data to the common people. The traditional method of crime reporting stored data in manual format. In Online Crime Reporting System messages or data related to crimes, missing persons and terrorists is stored and modified by admin that is SP (Superintendents of Police) uploads data through his admin login. In Online Crime Reporting System messages are routed according to the content of the message. The purpose of Online Crime Reporting System is to power the existing physical system by the help of computerized equipments and complete computer software, fulfilling their requirements, so that their valuable data/information can be kept for a longer period with easy opening and handling of the same. Moreover this system is designed for the particular need of Common people and Police officers to carry out operations in a smooth and effective manner. The project titled as "Online Crime Reporting" is a web based tender. This software provides facilities for reporting online Fir's view missing person, show most wanted person's details, etc.

Pooja Chendake, Apurva Pawar proposed one such area is crime area detection, storing crime reports and provide safety. This paper focuses on overcoming the disadvantages of existing applications by providing a method for verifying the incident. The application will provide the general users with the facilities like reporting

any incidents, send live location to emergency contacts. Moreover, it will also provide an alternate safe path on user's demand before entering the crime area. If we have an application which will provide many features for safety of an individual, that application will help us in any emergency situation to send an emergency alert to one of the user's contact. Application can have algorithm to predict the crime rate of the current location and have image processing algorithms to categorize the evidence into different categories.

S.Priya, Kushagra Srivastava, SK Sujan Islam proposed Online Crime Reporting system. Here we want to create an online crime reporting system software which is well accessible to the general public, the department of local government and therefore the body department. The traditional public in Asian country is afraid to lodge a grievance as a result of their full of a false worry regarding the department of local government. A web grievance registering system can allay the fears of the general public and can conjointly facilitate within the public serving to the department of local government in catching criminals. This system has been taken as a protective and safety based application for both public and government interest. Giving access to all citizens of country to register complaint is the motto of application so that they can not only make a complaint on several issues on the application; they can also upload photographs of the civic problem.

Aasthashree Mudgal, Manas Patil proposed Cyber investigation portal. Their Investigation portal investigates digital and cyber enabled crimes such as hacking incidents, data breaches, phishing attacks, email fraud, financial crimes, online scams, and cyber-attacks. Their instant support to such cases, our reports, and our findings enable law enforcement to fast track their investigation. Our portal helps Corporations, Small Businesses, and Individuals address unwanted cyber issues impacting their lives. Crimes range from Cyber Harassment, Unlawful computer Intrusions, Invasion of Privacy, Internet Fraud, Trademark Infringement, Defamation, Copyright Infringement, and Intellectual Property Theft.

3. PROPOSED SYSTEM

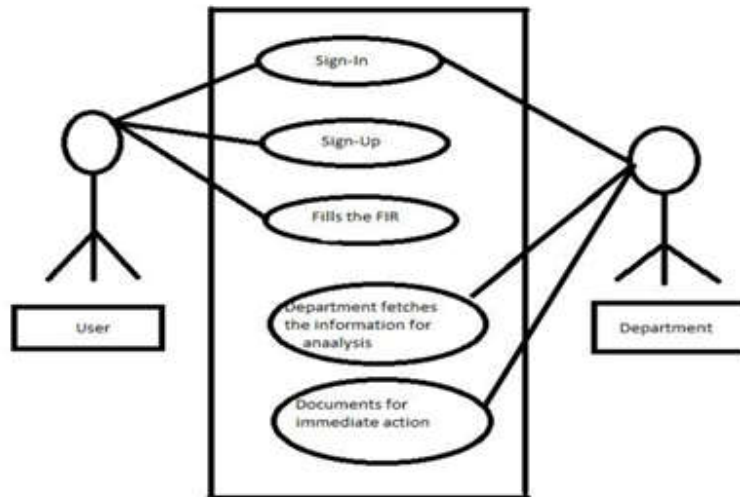
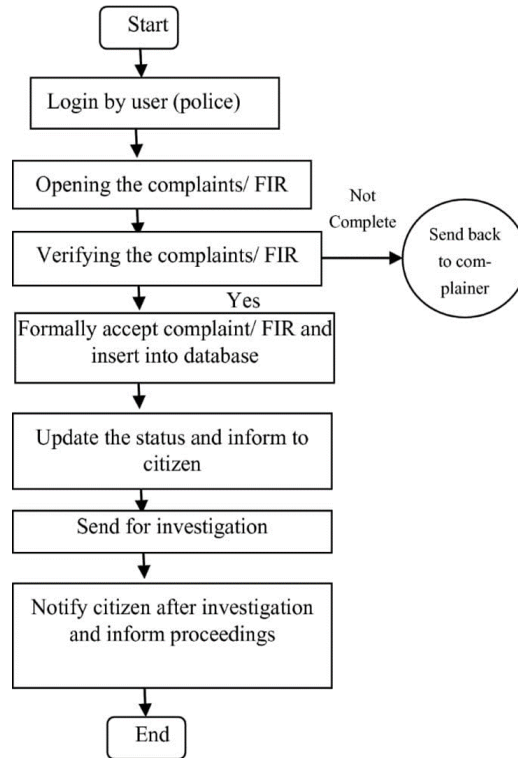
Our system tends to provide security to each and every citizen. The main motto of our system is "Your safety in your hands". So our system is the combination of different domains such as Image Processing, Machine Learning and Android/iOS development. These different domains are put together in a single mobile application using different APIs (Application Programming Interface). Sharing live location and tracking. When the user will shake the mobile, a notification with the payload as latitude and longitude, will be sent to the emergency contact number, such that the person who is added as the emergency contact, will be able to get the location of that user and can track the location of the person who is in difficulty. Register the crime report. Users can report a certain crime through our app, which will be directly reported to the cops.

In this project we have overcome the problem of communication gap between the user and the police and as well user can instantly report any crime with the picture. We are using Aadhar number for login, so if anyone report any fake crime, police can track him. Instead of focusing only on the various technological possibilities of computers such as report by email in fear of revealing the ID we have gone for android app which is legal and with security to report crime irrespective of the age, gender or any other discrimination. It must be blogged so that the people who witnessed may get some courage to report or add comment in favor of such crime. The main purpose of developing the online crime reporting system is for the welfare and safety of the public.

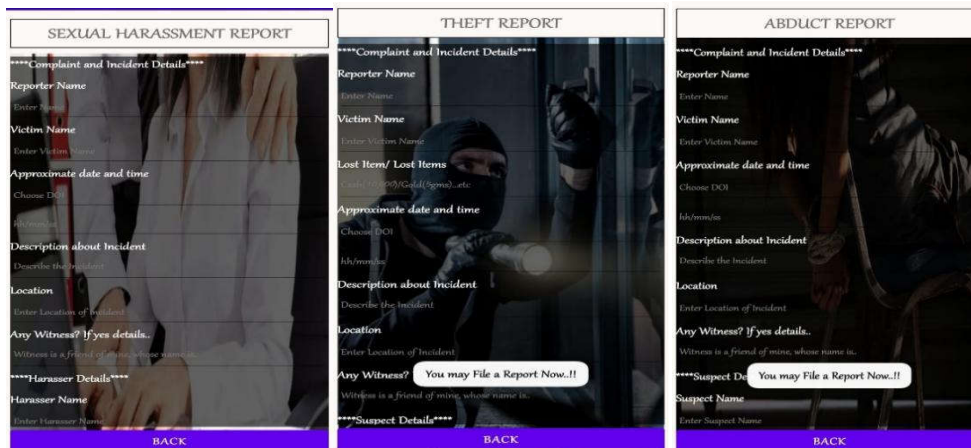
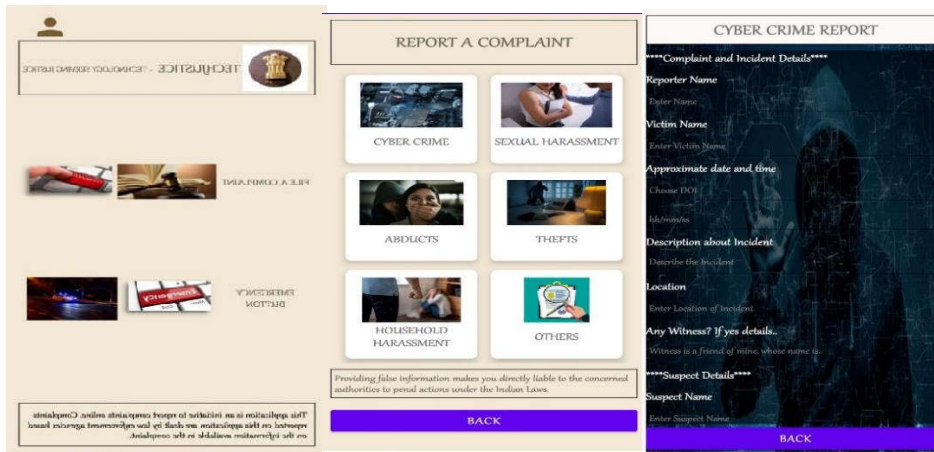
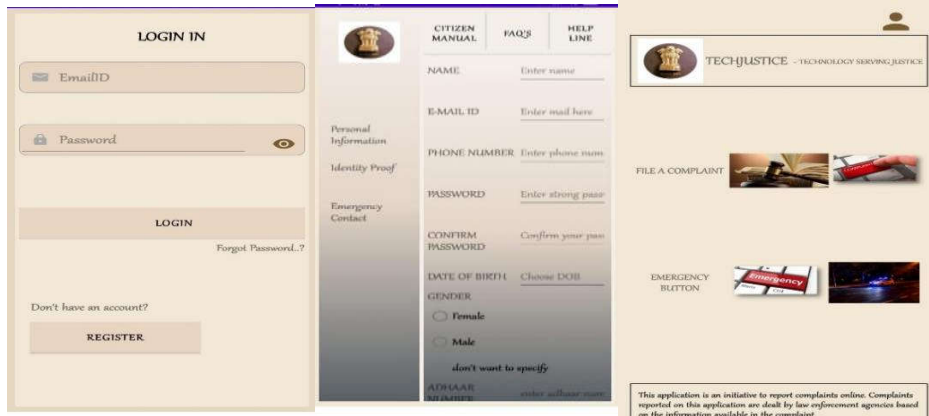
The proposed system is user-friendly and easy to use. We have divided the portal into four parts. Cyber Attacks, Sexual Attacks, robbery attacks, accidents etc and anti-phishing portal. This Portal will be investigating, analyzing, and recovering critical forensic digital data from the networks involved in the attack—this could be the Internet and/or a local network—to identify the authors of the digital crime

We will implement the system using MySQL for storing the data. We have used Python scripts to create the tools. We are going to use AI/ML to implement Incident Response & Threat Intelligence. The required items are

fetches from the database such as incident details along with victim name and attack-related information etc. The admin can have the authority to access the database.



4. OUTPUT SCREENS



5. CONCLUSION & FUTURE SCOPE

From this it is clear that people tried developing applications in a point for reporting complains online and bridge gap between the police and public. But the common in this survey is that every system is limited to its sector. Like people can report crime to the police or report cyber crimes or develop a tracking system surveil over their loved ones. But it is never an integrated system where people can reach out for help with just one application. So our intent is to develop such an application where the reported crimes are handled by the concerned authorities. And it is used to seek immediate assistance when in panic attacks

Acknowledgements

I wish to thank my teachers for guiding me through the process of submitting and revising the final manuscript.

6. REFERENCES

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