

E-CRIME MANAGEMENT FOR TRUST BUILDING

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Abstract - Crime is a piece of human exercises and should be proficiently overseen. The enormous accomplishment of web and data innovation as of late remarkably affect both public and private sectors inside a nation. Internet providers and applications have fundamentally expanded. That is the reason individuals think that it's progressively advantageous to utilize web applications to hold up an online gripe with respect to any suspicious movement as opposed to visiting a police station. This technique is sensibly secure since it is conceivable to keep one's character mysterious who revealed the gripe about the offense. Numerous cases are not enlisted in the police station since the individual complaining needs to hide his/her personality because of the conceivable hazard or danger to life. It is additionally expected that there are numerous pending examinations because of the nonattendance of legitimate confirmations from the detailing individuals. An online application can connect this correspondence hole among police and the people to send reports or other required data.

Keywords: Complaints, Crime Reporting, Anonymity, Legitimate Confirmations, Web Applications.

1. INTRODUCTION

This task diagrams the subtleties of the advancement of an electronic-cops(e-cops) detailing and the executive's framework that is simple, viable and proficient to play out the report and the board of wrongdoings. Since the individuals don't discover helpful to go to a police station to enroll a case because of a few reasons like security dangers or absence of time. Likewise, a few cases are not researched because of the absence of appropriate confirmations. This framework permits the people to enroll the objections from and is useful to the police and security division in recognizing crooks. This application can improve the proficiency of a security framework in a city and case explaining systems could be upgraded.

The e-cops revealing and the board framework is an online application that can permit both the gatherings either the police or the people to report and deal with their grumbles.

It can give the administration of violations whenever from wherever of the world. In this manner, it's valuable far-reaching wrongdoing revealing framework to open, police and government organizations that offer all the more

snappy, proactive and responsive outcomes to battle with wrongdoing and lawbreakers.

2. LITERATURE SURVEY

This paper talks about the improvement of the interface that will help residents in Saudi Arabia to speak with police offices rapidly and no problem at all. Clients can report wrongdoing or grumbling from anyplace on the web. The police authorities can see the reports and take fitting activities against the violations or objections by applying a methodical, speedy and simple taking everything into account, we have, right now, at the different meanings of criminal insights. Finally, model offense announcing structure was designed that depends on four disclosing structures: a complaint dispatch detailing structure, an offence occasion report structure, a follow-up examination report structure, and a capture report structure. The framework comprises of three feasible modules: an information catch module, a report the board and control module, and details in use.

3. PROPOSED SYSTEM

The manual framework has a few disadvantages which can be overwhelmed by utilizing online applications. The following explanation clarified by it required

- Citizens don't have to go to police station to lodge a complaint.
- This will help decrease labor.

This application is made accessible to open for association with police. This area gives the distinctions of the exercises that are performed to consider undertakings and techniques that could be utilized to understand the proposed arrangement most proficiently. To build up this undertaking we require individuals, police and the Administrator. So we have three modules. They are:

- Android App(user)
- Administrator
- Co-Admin

The manager will assign the co-administrator in each police headquarters and the co-administrator in the particular police headquarters will dole out a specific examining official as indicated by the degree of the case. Clients will likewise be given a choice to give criticism for the continuous examination group. The client can give input on various occasions and the framework will naturally examine and compute the normal of the rating and show the criticism results on the screen.

4. SYSTEM DIAGRAM

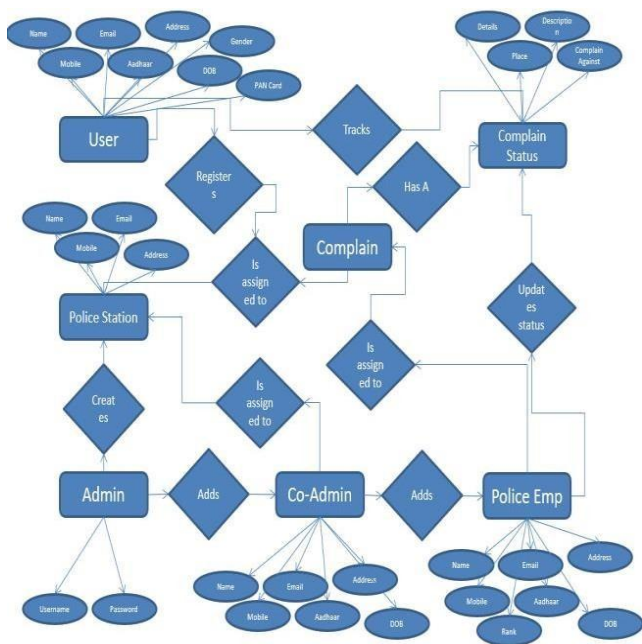


Figure 1: E-R Diagram for E-crime Management.

4.1. Database implementation

MySQL is an open source relational database management system (RDBMS) and is very common among different stockholders of a particular website. The data about the users are stored in form of rows and columns in a table. Some of the tables existing in the database of E-Crime management System are as follows:

Admin, user, Co-admin, Investigation officer. These entities record the relevant data about the complains and crimes. Each police station is supervised by its Co-admin and he can add a new police officer its police station.

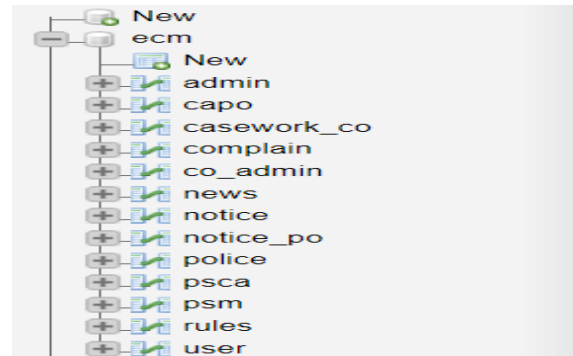


Figure 2: Show the table (Database) of E-crime Management.

5. RELATED WORKS

SR. NO.	AUTHOR	PAPER	RESULT
1.	Dr Kakhshan Tabassum, Dr Hadil Shaiba, Saada Shamrani, Sheikha Otaibi	Electronic-cops: An Online Crime Reporting and Management System for Riyadh City.	Saudi Arabia e-cop System application shows simple and user-friendly interface. This paper discusses about the progress of the interface that will help people in Saudi Arabia to communicate with cops quickly and effectively.
2.	R. G. Jimoh, K.T. Ojulari, & O.A. Enikuomelin	A Scalable Online Crime Reporting System	All in all, we have taken a glance at the different meanings of criminal insights. 4 structures, namely: a complaint dispatch detailing structure, a offense occasion report structure, a follow-up examination report structure, and a capture report structure. The framework comprises of three Feasible modules: An information catch module, and details in use

6. Result/Output Screen of the E-crime Management



Figure 3: E-crime Home page

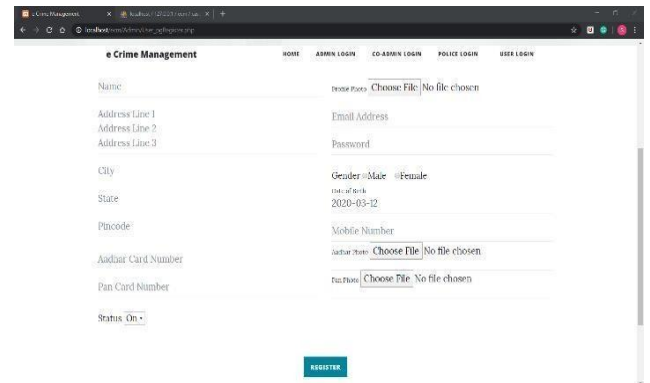


Figure 6: User Registration- To access the service of E-Crime Management System



Figure 7: User Lodge Complaint

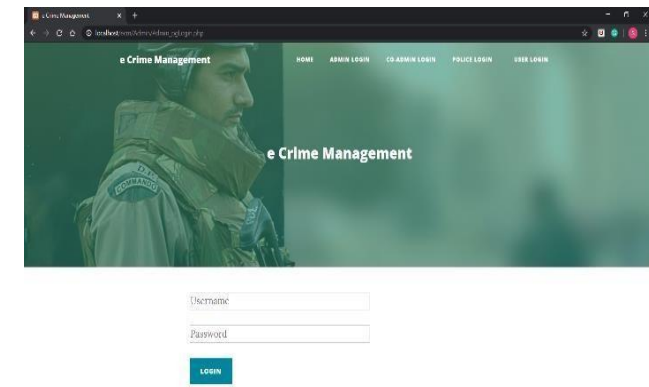


Figure 4: Admin login page- Administrator controls the E-Crime Management System

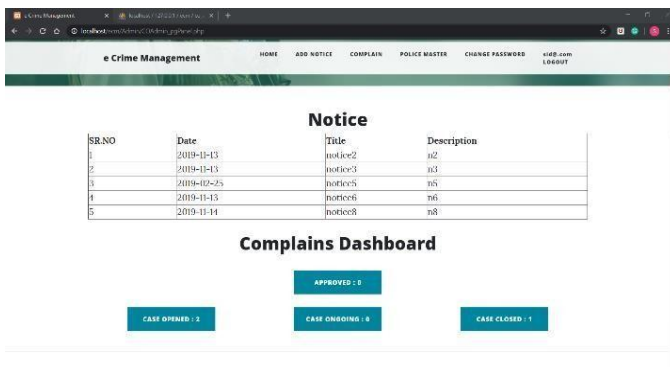


Figure 5: Co-admin login page

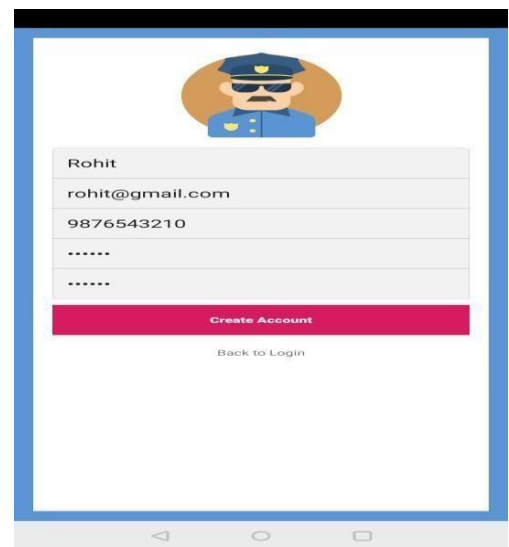


Figure 8: Create User Account (Android App)



Figure 9: User Home Page (Android App)

7. FUTURE SCOPE

The extent of the project includes that what all future improvement filter be done in this framework to make it progressively workable to us:

- A team from Forensics department can be assigned for major cases which will help in identification of the suspect.
- Manage and backup forms of reports on the web.
- Need to add some more security approval for the authentication of the user while signing in.

8. CONCLUSION

E-Crime Management System is about filling an online complaint against any crime in case of victim or witnessed by the user. The System provides easiest and fastest way to register a complaint and a crime or registering for a missing complaint. The system helps the user to check the status of the complaint which makes the user to use it effectively and efficiently

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REFERENCES

[1] Electronic-cops: An Online Crime Reporting and Management System for Riyadh City- Dr Kahkashan Tabassum, Dr Hadil Shaiba, Saada Shamrani, Sheikha Otaibi, (2018).

[2] A Scalable Online Crime Reporting System- R.G. Jimoh, K.T. Ojulari, & O.A. Enikuomehin (1 – January,2014).

[3] Chen, Z., Fan, W., Xiong, Z., Zhang, P., & Luo, L. (2010). Visual data security and management for smart cities. *Frontiers of Computer Science in China*, 4(3),386- 393.

[4] Thorsten Sellin, "The Significance of Records of Crimes" *The Law Quarterly Review*, P.489.

[5] Lyon (2005), "Global Positioning System" Location Tracker.