A WEB APPLICATION-BASED CRIMINAL RECORD SYSTEM

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ABSTRACT

The outcome of information technology had largely given impact on maintaining the database of different segments on the desired server accessible and cost effective. The web based criminal record system is used to report crime and it is mainly used for the police department. System is used to manage all the essential data within the police department securely and effectively. The data can be managed remotely across the globe and helps in maintaining the consistency of the entire database and the desired server. This system can be implemented in an cost effective manner and can be accessible across the country in an efficient manner. Currently all the works in the police department are done manually, by computerizing the activities in the police department can be easily managed and accessible across. The main aim of the system to store, manage and manipulate the entire data of the police department in an effective manner and cost can be reduced. This system can also be used by the police for getting the efficient information and filing online first information report. It can also be used to check the status of the first information report. It also helps in getting the feedback by the public to the police department and helps them to analysis the hidden loopholes and makes the services the better for the public and provide efficient delivery of services.

KEYWORDS: Crime, Crime Record, Electronic cops, Record, Police Reform.

I.   INTRODUCTION

This paper gives the details of development of the web based criminal record system in easy and efficient manner for helping police department as well as increasing the effectiveness of the system.

In this system we will perform certain type of activities like search, update, delete and insert function in the desired database of the police department. This application can improve the efficiency of security system in a city and case solving procedures could be enhanced to achieve better results. This system proved better delivery of the services and helps them to analyses of the loopholes of the police department in country.

This system will be maintained by the system administrator to creating and altering the structure of the database for providing the easily accessible to the naïve user of the police department as well as public. It helps in maintaining the large database in an centralized manner so that all the information can be analysed in an efficient manner and cost effective manner. The user interface of the system is easily understandable. Currently all the work has been done manually in the police department , by creating web based application for maintaining the record of the police department will helps in data consistency and it would increase the efficiency of the police department. The system would provide the essential feature which can be used for sharing the information with the public in an effective manner remotely and it will also helps in getting the right information within police department.

This system would lead to better delivery of services and effectively managed the data throughout the various department of the police department. The first information report can be easily filed through this system and status can also be the same checked for the same first information report and feedback can also be provided.

II.   PARALLEL SYSTEMS

The below section provides few parallel system which were developed earlier:

Proposed system

The web application criminal record system is used to report crime and it is mainly used for the police department. System is used to manage all the essential data within the police department securely and

effectively. The data can be managed remotely across the globe and helps in maintaining the consistency of the entire database and the desired server. This system can be implemented in an cost effective manner and can be accessible across the country in an efficient manner.

E Police

A parallel system which allows us to manage all the record stored in the desired database in the police department.

Online Record System

This system will be maintained by the system administrator to creating and altering the structure of the database for providing the easily accessible to the naïve user of the police department as well as public. It helps in maintaining the large database in an centralized manner so that all the information can be analysed in an efficient manner and cost effective manner.

III.   ANALYSIS OF THE SYSTEM

This application will be available for the police department and public also. Police department can use the web application for storing, modifying the data stored in the desired database of system. This system would lead to better delivery of services and effectively managed the data throughout the various department of the police department. The first information report can be easily filed through this system and status can also be the same checked for the same first information report and feedback can also be provided. Public can also use the system for filing complains and getting the status of the filed first information report.

All the information stored in the database will be in consistence manner and it will be accessible across the globe for providing better efficiency for police department and giving better delivery of services to the users of the country
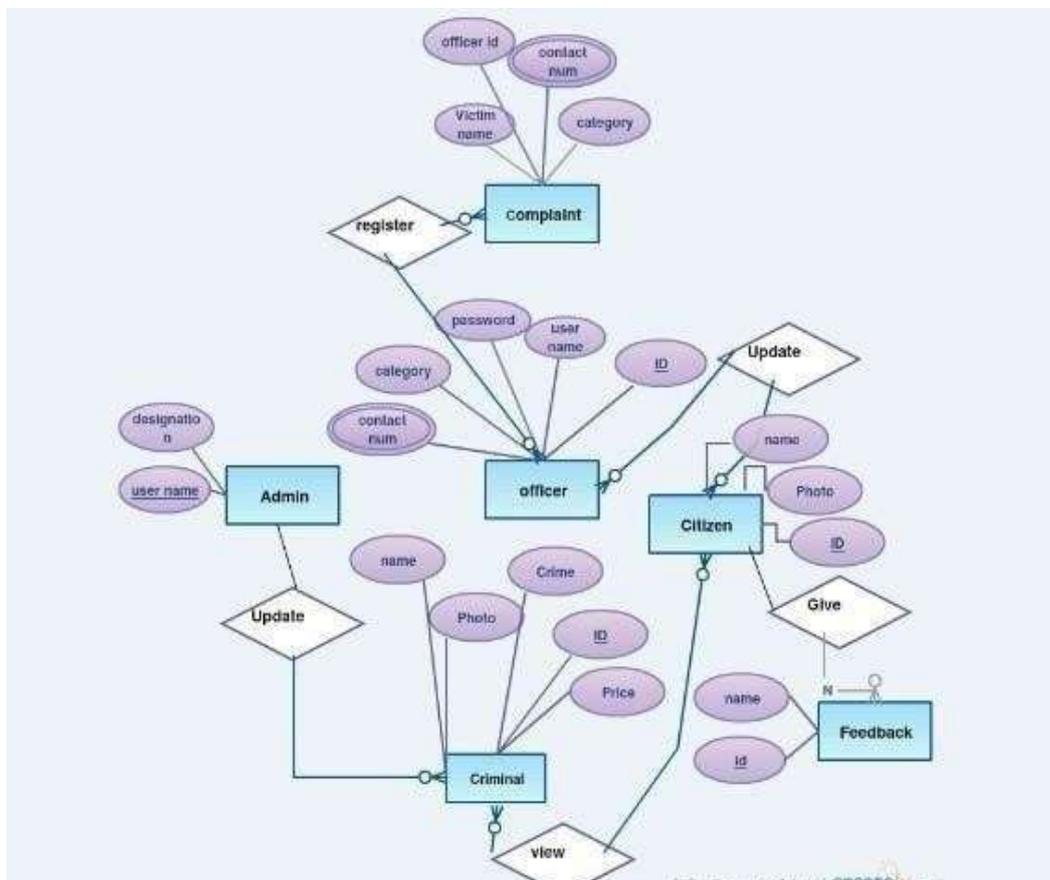

Fig-1: ER Diagram for Crime Record System

In the above diagram, it describe about the system structure of the entities related to the desired system. As seen in the above diagram we can see there are different types of entities present in the above diagram like admin, citizens, officers etc. In this system we will perform certain type of activities like search, update, delete and insert function in the desired database of the police department. This application can improve the efficiency of security system in a city and case solving procedures could be enhanced to achieve better results. They can interact in such a manner as shown in the above diagram and better understandability of the web based criminal record system. It helps in maintaining the large database in an centralized manner so that all the information can be analyzed in an efficient manner and cost effective manner.
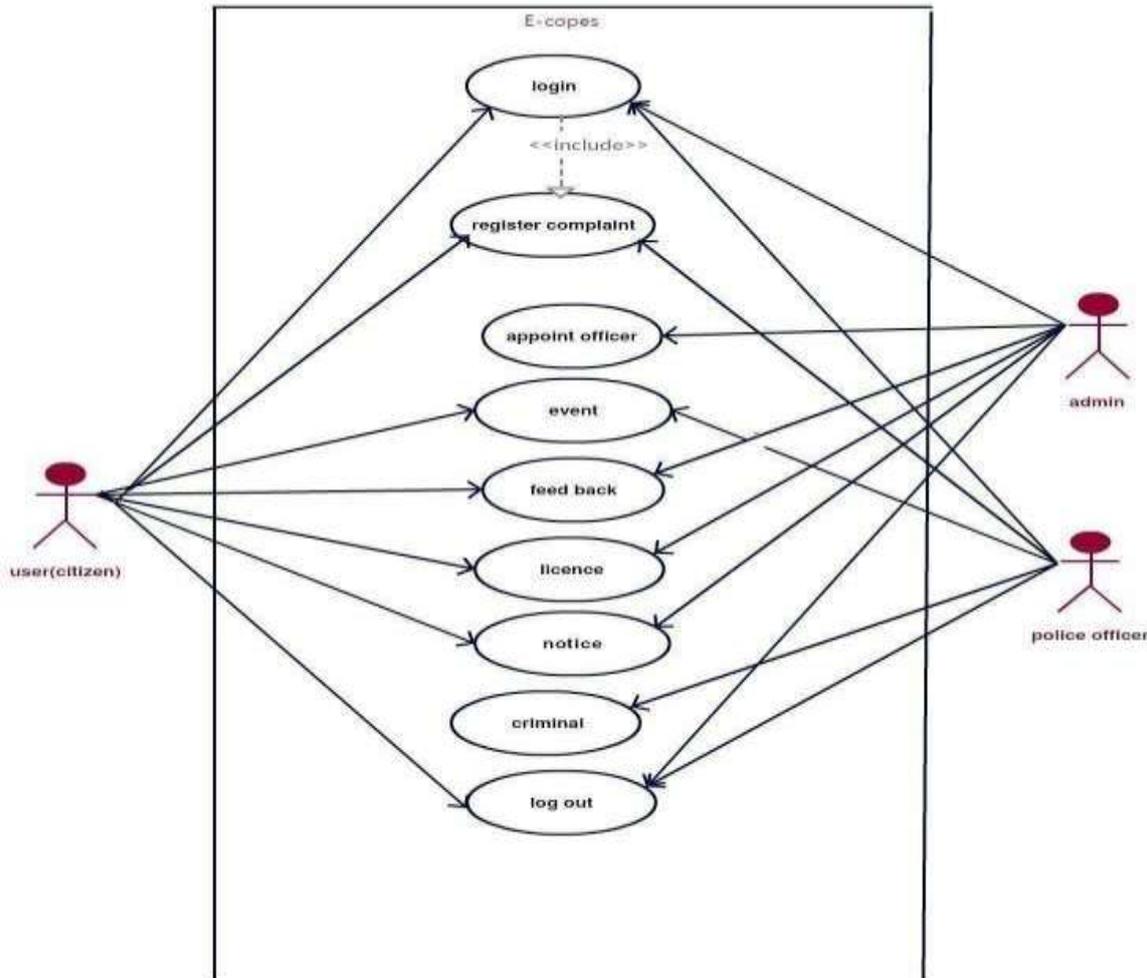

Fig-2: Use Case Diagram for Criminal record system

It helps in maintaining the large database in an centralized manner so that all the information can be analyzed in an efficient manner and cost effective manner. The user interface of the system is easily understandable. Currently all the work has been done manually in the police department , by creating web based application for maintaining the record of the police department will helps in data consistency and it would increase the efficiency of the police department.

IV.   IMPLEMENTATION

The development of the web based criminal record system includes the creation of the website and large database for storing and analyzing the entire database of the police department of the system and also get feedback from the users of the country. This system will be maintained by the system administrator to creating and altering the structure of the database for providing the easily accessible to the naïve user of the police department as well as public. It helps in maintaining the large database in an centralized manner so that all the

information can be analysed in an efficient manner and cost effective manner. The user interface of the system is easily understandable. Currently all the work has been done manually in the police department , by creating web based application for maintaining the record of the police department will helps in data consistency and it would increase the efficiency of the police department. The system would provide the essential feature which can be used for sharing the information with the public in an effective manner remotely and it will also helps in getting the right information within police department.

V.   CONCLUSIONS

A web based criminal record system provides the simple user friendly interface for administration of system. This paper gives the details of development of the web based criminal record system in easy and efficient manner for helping police department as well as increasing the effectiveness of the system. This system includes essential feature of the system which are used by the desired police department of the country for providing better delivery of the service to the citizens of the country and get feed back from the citizens as well for analyzing and improvement of the services.

ACKNOWLEDGMENTS

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