Police Scanner Application

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ABSTRACT
The huge success of internet and information technology have a remarkable effect on both public and private sectors within a country. The internet services and applications have drastically increased. That's why people find it more convenient to use internet applications to give an online complaint regarding any suspicious activity rather than visiting a police station. This method is reasonably secure since it is possible to hide the identity of the person who reported the complaint about the crime. Many cases are not registered in police stations since the person complained wants to hide the identity due to the possible risk or danger. It is also feared that there are many pending investigations due to lack of proper evidence from the reporting people. An online application can bridge this communication gap between police and the individuals to send reports or other required information. This paper proposes an application that can be used by the individuals in Riyadh to report and manage their complaints effectively. Further the system can be used by the people to register the complaints and is helpful to the police department in identifying the criminals. The main purpose of the application is to improve the effectiveness and efficiency of interaction procedures between the criminals and common people. It would be an outstanding tool to monitor and track the criminalsaround the country and also have a complete online record of crime related information.

INTRODUCTION

The police stations have adequate importance in the society to control the law and order situations of the country. In Pakistan, police stations manage criminal records and information manually. We have previously developed and improved a desktop application for the record keeping of the differentregisters of the police stations. The data of police stations is sensitive and that needs to be handled within secured and fully functional software to avoid any unauthorized access.The developed application (software) will store data in an organized form and searching of records will be easier as compared to the manual system. It also enhances the efficiency of the Police without extra efforts required for record keeping and accessing

We see that when a group or society is formed the people make some rules and laws, for the people and for the people. The purpose of these rules and laws are to give a peaceful life to all who are living in that society. Whenever any law is violated by anyone we say that crime is committed and whoever breaks that law is called a criminal. To have a peaceful life we need a well-organized law enforcement system. Somalia has very good facilities in the law enforcement sector. But, due to lack of facilities, some work cannot be done in a very good way.

The proposed application enhances the crime recording operations of the SPF. The data used by the is stored in a centralized database, which holds information about criminals, crimes and users of the system. The database is the basis for all actions in the system and can be easily updated and used to aid in all of the system's processes, that is, all of the required information is stored in one central location and thus is easily accessible. Furthermore, the correctness of the centralized database will allow functions.

LITERATURE SURVEY

Remencius et. al., in , have performed the assessment for Italian public administrative applications and reported in the form of case study. The Italy administration has provided software for the assessment in terms of security, quality and performance. They have more concern to ensure that software is protected from unauthorized access and only the authorized users can access their system data and the system can handle 2000 clients at a time. The different components of software have to be deployed on more than one server and also two different databases i. e., Oracle and MySQL. The software has been developed in Java. The assessment of the system wascarried out in the six parts and in an agile-like fashion; with feedback about the assessment from

the administration and ensuring that everything is according to their needs. The assessment of the structure of code was performed in codemetrics, which were calculated with the static code analysis tool. The analysis was carried out by experts of Java and JavaScript and the configuration of the system was also analyzed [10-11]. Some automated assessment tools has been used, but the results were not reliable, that's why authors have used manual assessment.

SYSTEM REQUIREMENTS

1. Operating System: Window 7
2. Front End: Bootstrap4,CSS,HTML
3. Back End: MySQL, PHP
4. Code editor: Visual Studio, Sublime text
5. ANDROID STUDIO

EXISTING SYSTEM

In the existing system currently there is no online web application available to report crime online. In order to report any complaints related to crime, people have to contact the nearest police station. People of the particular city are not aware of crime related things such as list of Most Wanted criminals of their city, latest crime related news, missing persons of their area etc... People have to view News Channels or Read News Paper for such crime related information. Thus we c say that existing system is manual and does not provide all the information from one source

APPLICATION

1. This system useful for track or find the Criminal.
2. You can able to aware about the criminal Section and law.
3. Easy way to Find the Criminal .
4. This system used by user

SYSTEM ARCHITECTURE
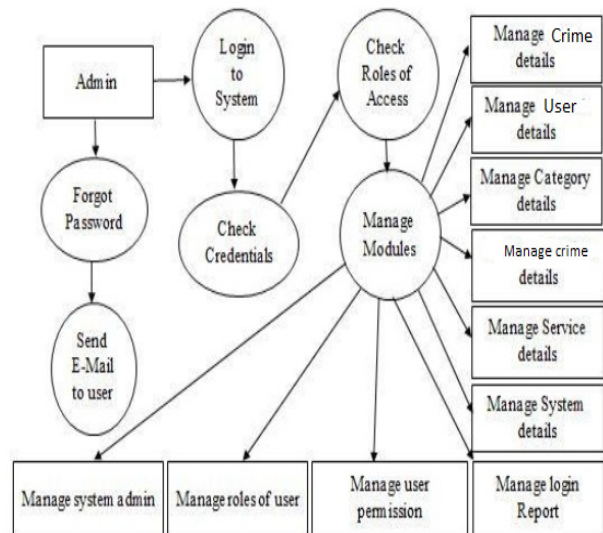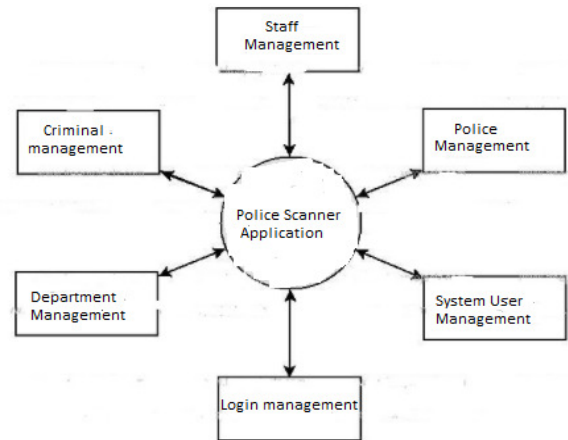
ADVANTAGES

5. Easy To Use
6. Flexible
7. Time Consuming
8. To Track Or Find Criminal

Science and Information Technologies, Budapest, Hungary, (2004).

FUTURE SCOPE

As we could meet the timeframe and expectation of the client with minimal involvement, the client was very pleased and also recommended us to one of itsacquaintances for another project. The client also came back to us after a month with another larger project related to mobile app development.

CONCLUSION

The developed system will help a lot to maintain the record of criminals, users, although it is not a complete system, still some improvements are needed in the developed components and there is a need to add some additional necessary components. Further, all the registers are not digitized, this system covers a few important registers which have more use in daily routine crime cases and are most frequently used. The proper testing of the software is important that enhances the quality of the software. The testing of important components has been carried out but further testing is required for the improvement. It is concluded that the developed software is efficient, reliable, portable and user-friendly and can be easily implemented in police stations as a trial basis and system can be further improved after identification of the problems during implementation in real environment and real data of Police stations and criminals.

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