AUTOMATED POLICE RECORD MANAGEMENT

SYSTEM (PRMS)

BSc. COMPUTER SECURITY AND FORENSICS

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1132/0882/2013

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1132/0890/2013

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# ABSTRACT

This project explored the relevance of management systems to the contemporary society where computers have made tasks easier, more efficient and organized. Police record management system is a planned system of the storage processing and dissemination of data in the form of information needed to carry out various functions which come to simplify the tiresome manual way of reporting and writing the details on papers.

There is need for an automated record management system that can be used to store reported criminal activities in a centralized database which should replace the manual system that is currently being used. The manual system has few challenges that include the ever increasing paper load, difficulty in enforcing access control as well as cases of missing files and information.

Our objective in regard to the project is to come up with an application that will be used to automate the manual management of Kenyan criminal records and hence the title “police management system (PRMS)”. Being a web based application; there is an assumption of users being connected to the internet.

The scope of the project cuts across administrators and 2 types of clients; police officers and other clients: including private investigators, lawyers and other personalities seem fit by the Administrator to handle an account.

The research methodology used in this project was System development lifecycle, using waterfall method simply because the project was small and there are no uncertain requirements. At the end of each phase, a review takes place to determine if the project is on the right path and whether or not to continue or discard the project

The design was majorly aided by the dataflow context diagrams which are often used as a preliminary step to create an overview of the system. Use-case diagrams and activity diagrams also helped in coming up with the database class diagram which we used to develop the database.