

**IMPLIMENTING DATA INTEGRITY IN A WEB BASED
POLICE MANAGEMENT SYSTEM**

CASE STUDY :(POLICE ONLINE REPORTING SYSTEM)

By

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ABSTRACT

Data integrity refers to the validity, overall completeness, accuracy and consistency of data over its entire life cycle. It is an important feature of a database whereby data contained in the database should be accurate and reliable. Data that has integrity is maintained during any operation such as transfer, storage or retrieval. This is the most important feature in a database and the system as a whole.(Data integrity, 2013)

The term data integrity was first used during the 1970s in the Glossary for Computer Systems Security ("Sandhu," 1978)defined data integrity as

"The state that exists when computerized data is the same in the source documents and has not been exposed to accidental or malicious alteration or destruction."

POLICE ONLINE REPORTING SYSTEM DISTRICT POLICE, located in the vicinity of Police Online Reporting System town has been in existence for about 25 years up to date. It has been of great help to both the citizens and police officers of that region in maintaining law and order.

The problems being faced by the police and the citizens include, poor data storage, loss of data, wastage of resources and manpower especially when one has to walk over 10km to go and report a case, slow services leading to wastage of time and finally corruption.

The solution to be provided to solve the problem will include designing a system that will enable online reporting of cases, creating a database that will store and help retrieve data, reduce corruption by allocating of cases to the free officer on duty. And finally it will be possible to get some of the documents by downloading them.

The system will also try to automate some of the services provided such as identification card registration and good conduct application. The system will also be able to alert the users who have subscribed to the website on any arising security matter.