

**MALAWI POLICE COMMUNICATION SYSTEM**

Connecting the police and the people



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to be developed by:

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**MALAWI POLICE COMMUNICATION SYSTEM (MWCS)**

The Malawi Police is a service under the Malawian government providing support and security to Malawians. It composes of several departments where the biggest are in Lilongwe, Mzuzu and Blantyre. These departments work in isolation. Information is shared via personal emails, fax, WhatsApp and physical transportation of documents. There is no official online interdepartmental communication channel for data sharing and exchange. Furthermore, there is no efficient, dynamic and updated way to communicate with the public.

The current system does not have a way of dynamic producing statistical data detailing sensitive information such as crime, missing people, lost items rates and numbers of cases received and solved from the information that is entered in the system after storing such details.

In addition, there is no definitive online way of communicating with the people it serves information such as hardcore suspects details. The usual communication is via newspapers, radio and tv. These communications are usually in Chichewa limiting the information to those fluent in Chichewa only.

A victim of a crime i.e. stolen goods has to always physically go to the police to check up on the issue as the police rarely communicate when there is a major development on the issue. The system will use automated email and SMS notifications once an event is triggered to update these victims on the big developments and automatic weekly newsletters will be sent to the registered public.

The police need a system that will connect the three major departments where data in one department is readily present in the other according to who you log in as. The police will be able to send each other documents, reports and messages. The system will notify the police I they have new messages, reports and updates on issues automatically via email, onsite notifications and SMS.

Each department will record data such as daily reported cases and solved cases so that the system uses this data to produce statistical reports and graphs that will be available for download by as individual documents or collectively in zip files by both the police and registered public users.

The public will be able to access some information i.e. missing people, hardcore suspect details, lost items, police news, statistical reports and graphs. The system will be localised; meaning it will be present in a variety of languages which are; English, Chichewa and French to make the system more accessible to as much people as possible.

The system will be developed under the object-oriented methodology and will be codded in PHP, HTML 5 and JavaScript, MySQL for the database SMS GATEWAY ME for SMS functionalities.