



**AN APPLICATION FRAMEWORK FOR MOBILE
PHONES IN CRIME CONTROL IN UGANDA**

BY

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**A RESEARCH REPORT SUBMITTED TO DIRECTORATE OF GRADUATE
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DECLARATIUN

I, **Wafula John Bosco**, the undersigned, declare that this research dissertation is my original work, except where due acknowledgement has been made. I declare that this work has never been submitted to this University or to any other institution for funding/ for partial fulfillment for any award.

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APPROVAL

This research report has been submitted for the award of a degree of Master of Computer Forensics (MCF) with our approval as supervisors

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DEDICATION

This research paper is dedicated to my dear children; Kelvin, Jordan, Clara and Frank who have been nicely my supporter until my research was fully finished, and my beloved mother; Mugidde Mary Wandera who, has for months past, encouraged me attentively with her fullest and truest attention to accomplish my work with truthful self-confidence.

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ABSTRACT

Uganda Police Force has annually reported increased Crime rates in the country. Many crimes are committed with/or through mobile phones. This has rendered mobile phones a potential source of incriminating evidence for digital investigations and a tool in crime reporting.

The purpose of this study is to formulate an application framework for mobile phones in crime reporting and collaborating evidence there by controlling crime in Uganda.

This study was non-experimental and cross-sectional survey biased on the quantitative approach.

The researcher used Expert purposive sampling to determine the research sample from the study population. Data was analyzed using Statistical Package for Social Sciences.

Whereas the investigators believed in the application of mobile phones in crime reporting and collaborating evidence, it was found out that they didn't often use them as a potential source of incriminating evidence while making criminal case decisions. Of the 10 files of criminal cases, only 1 to 3 of them were considered during prosecution. This was found to be largely dependent on criminal investigators' below average training level in mobile phones forensics and their average mobile Applications competence.

Policy makers, Ministry of Internal Affairs, Ministry of Constitutional Affairs and other criminal investigations organs; should consider training of criminal investigators and the rest of the community on how to apply mobile phones in crime control. Understanding of mobile phone applications assists the country in crime control efforts.

This study definitely provides an application framework relevant in crime reporting and collaborating evidence which in turn controls crime. Further studies relating crime control with other variables like Facial recognition software, biometric devices and Automatic License Plate Recognition be undertaken.

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