



FACULTY OF ENGINEERING
DEPARTMENT OF COMPUTER ENGINEERING
FINAL YEAR PROJECT REPORT

**TITLE: A SMART LOCK SYSTEM TO IMPOSE SOP MEASURES AT ENTRANCE FOR
COVID-19**

BY

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"A project Proposal submitted to the Department of Computer Engineering in Partial Fulfillment of the Requirements for the Award of a Bachelor's Degree in Computer Engineering of Busitema University"

DECLARATION

I, BWIRE OSCAR EMMANUEL Reg. No BU/UP/2017/365 hereby declare that this project proposal is my original work except where explicit citation has been made and it has not been presented to any institution of higher learning for any academic award.

Sign.....

Date:

ABSTRACT:

This report covers all the research and activities I did in my final year project and also aims at showing practical knowledge I obtained during project.

The following covered and to some extent explored:

- 1. Networking.** Under this field, we specialized in service providing using two networking technologies namely; microtik and Ubiquiti. A brief study of microtik and ubiquiti is discussed. Microtik technology is used in configuring and setting up routers for installations while Ubiquiti technology is for Nano stations radios which pick wireless signal from space.
- 2. Installations of routers and Nano radios.** In this field, we demonstrated the practical installations of the ubiquiti and microtik devices in field. We installed these devices in different companies and configured them for different clients
- 3. implementation.** Here we demonstrate how different internet of things products are integrated and study theory of how they operate
- 4. Conclusion.** This report also contains the challenges we faced during the development, references showing where I got some information that I used.

APPROVAL

I certify that the project proposal entitled “A SMART LOCK SYSTEM TO IMPOSE SOP MEASURES AT ENTRANCE” has been drafted under my supervision and is submitted to the board of examiners with my approval.

Mr. Odongto Godfrey

Department of Computer Engineering

Sign.....

Date.....

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