

**BUSITEMA
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FACULTY OF ENGINEERING

DEPARTMENT OF COMPUTER AND ELECTRICAL ENGINEERING

PROGRAM: DIPLOMA IN ELECTRICAL AND ELECTRONICS ENGINEERING

ELECTRICAL ENGINEERING FINAL YEAR PROJECT FOR WATER LEVEL INDICATOR

PROJECT SUPERVISOR: ENGINEER KIGOZI JOHN

OGUTI STEPHEN: BU/UP/2022/2066

ogutistephen59@gmail.com

[0784901859](tel:0784901859)

This report concept submitted to the Department of Computer and Electrical Engineering as partial fulfilment for the award of Diploma in Electrical and Electronics Engineering at Busitema University

APPROVAL

This certifies that I OGUTI STEPHEN has successfully submitted the final year Project to the Department of Electrical Engineering and it a true work of my hands under the endorsement of my supervisor ENG. KIGOZI JOHN

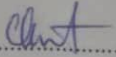
HEAD OF DEPARTMENT AND SUPERVISOR

ENG. KIGOZI JOHN

Sign
Date 18/11/24

DECLARATION

I **OGUTI STEPHEN** hereby declare that this information in this Project is out of my effort and it has never been presented to any institute of higher education for any award.

Signature 

Date..... 20th / 07 / 2024

ACKNOWLEDGEMENT

I would love to take this opportunity to thank my Head of Department ENG.KIGOZI JOHN and Project Coordinator Madam Patience Tusimiire for the great work they have done to me in terms of guiding me which leads to the success of this Report

I extend my bottle of thanks to my beloved parents for the financial support and prayers plus all my friends may God Bless you all

ABSTRACT (EXECUTIVE SUMMARY)

This report consists of a water level indicator system which detects and indicates the water level in the tank by the use of a water level sensor, Leds, buzzer to mention but a few

This report consists of six chapters of which chapter 1 consists of the Introduction, the Problem statement and main objectives of the project

Chapter 2, consists of the literature review of how I got the information of the project for through researches and consultations

Chapter3, consists of methodology which shows the components and their functions

Chapter 4, consists of the circuit diagram and procedures of how the project was assembled

Chapter 5, indicates the operation of the water level indicator system and recommendations and conclusion

Chapter 6, consists of the recommendation, conclusion and lastly the Appendix

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LIST OF ABBREVIATIONS AND ACRONYMES

H.O.D	Head of department
VCC	Voltage Common Control
ADC	Analog Digital Converter
GND	Ground
LED	Light Emitting Diodes

REFERENCES

Instructables. "Water Level Indicator Using Arduino." *Instructables*, Instructables, 29 Aug.4. Micro-controller based automatic water control system by Ejiofor Virginia Ebere, Oladipo Onaolapo Francisca.