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DEPARTMENT OF COMPUTER ENGINEERING

FINAL YEAR PROJECT PROPOSAL REPORT BY

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**TITLE: A REMOTE READING AND AUTOMATED BILLING SYSTEM FOR
WATER METERS.**

PROGRAM: BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

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A Final Year Project Proposal submitted to the Department of Computer Engineering and informatics at Busitema university in partial fulfillment of the requirements of the award of the degree of Bachelor of Science in Computer Engineering of Busitema university

DECLARATION

I **Opolot Christopher and Awio Allan** hereby declare that the project work is our own original work and has never been submitted to any other institution of higher learning or university.

1. Name OPOLOT CHRISTOPHER

Date 16th/05/2025

Sign [Signature]

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Date 16th/MAY/2025

Sign [Signature]

APPROVAL

This is to certify that the developed system titled “**A REMOTE READING AND AUTOMATED BILLING SYSTEM FOR WATER METERS**” has been done under my supervision and is ready for examination.

A photograph of a form with two fields. The first field is labeled 'Signature' and contains a handwritten signature in blue ink. The second field is labeled 'Date' and contains the handwritten date '07/05/2025' in blue ink. The form has a light gray background and dotted lines for the signature and date.

Mr. Arineitwe Joshua

DEPARTMENT OF COMPUTER ENGINEERING AND INFORMATICS

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LIST OF ANCRONYMS

OCR	Optical Character Recognition
GSM	Global System for Mobile Communication
API	Application Programming Interface
USSD	Unstructured Supplementary Service Data
SMS	Short Message Service
AMR	Automatic Meter Reading
IOT	Internet of Things
NWSC	National Water and Sewerage Corporation
UI	User Interface
CSS	Cascading Style Sheet
HTML	Hyper Text Markup Language
UAT	User Acceptance Testing

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