ONLINE EXAMINATION SYSTEM: A CASE OF LUUBU SECONDARY SCHOOL.

BY

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DECLARATION

I, NAKATO HELLEN, with Registration number **BU/UP/2017/1365** hereby declares that this Project Report is original and has not been published or submitted for any other degree award to any other University before.

Sign……..…. Date: …….

Nakato Hellen

APPROVAL

This Project Report has been submitted for Examination with the approval of my caring supervisor.

Sign…….…. Date: …….

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DEDICATION

This research project is dedicated to the **LIVING GOD** for enabling me to start it and successfully finishing it in a good health and sound mind. I also give great thanks to my sponsors **FAWE (UGANDA)** for the endless support given to me in all capacities, also to my parents thank you very much for the love and all that you put in to enable me and finally my friends, course mates who helped me in one way or the other to ensure that the project comes to an end. Thank you very much and may the good Lord give you what your heart desire.

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LIST OF ABBREVIATIONS

CFDs-Context Flow Diagram

DFD-Data flow Diagram

HTML-Hypertext Mark-up Language

PHP- Hypertext Processor

RAD- Rapid application development

SSADM-Structured Systems Analysis and Design Method

ABSTRACT

Online examination system was defined as a web-based examination system where examinations are given online. The main goal of this online examination system was to effectively evaluate the students thoroughly through a totally automated system which does a lot of things that include: obtaining fast and accurate results. This did not need the use of pen and paper. The students (end users don't need to physically be in class for them to have an examination. The reason that encouraged me to carry on this research was to overcome the manual way of doing examinations using pen/pencil and paper, reducing the time spent during the sitting arrangement exercise, the time taken to mark the examinations by the teachers and finally also reduce the human error during the computing of the student's results. The methodology that was first applied was SSADM (Structured System Analysis and Design Methodology which was used for analysing and designing the system. This was followed by the RAD methodology which was also easy to deliver a working system with all modules worked on one after the other and finally the prototyping methodology was applied. For Data base management system, I used MySQL. And HTML, PHP as my programming languages I also used Xxamp server, as the local host and sublime text editor to develop and run the proposed system. At the end of it all, the system was expected to be an online examination system which would be used by the following end users: (the examiner who was able to set question papers and upload them online, the examiner was also be able to edit a question paper). The system allowed the student to access the question paper and attempt it online and receive results in the shortest time possible after the system marking and the ranking of students was done automatically. The following browsers were used to carry out research; Google chrome, Phoenix, internet explorer and Mozilla Firefox.

CHAPTER ONE

INTRODUCTION

1.0 Background of the study

According to other researchers, online examinations were used by some educational institutions to checkmate students' performance. These examinations were administered at any levels of education, from primary to higher education, although they were common at higher levels, an online examination system served three main purposes:

An online examination system tests the subject knowledge of students so says Allan (2002). Such a system eliminates logistical hassles and drawbacks in the traditional mode of the pen and paper examination. Students don't have to assemble in the classroom to be given the exam.

It allows entrance of an examination at different places to take exam at the same time through the online examination platform. Mohamed (2021) says that online examination integrates databases with the program which allows administrators to easily use the system and creating entrance of examination on an online examination system. This project proposes all features and procedures to develop the system.

It works as continuous process on the details about objectives, scope, limitation, process schedule and finally monitoring and reporting mechanism. Online examination system is very useful for education institutions to prepare an exam, save the time that it takes to check the papers and provide the students' results. However, the formation of question for online examination which is a computer-based examination system is often treated with high level of consciousness. With developing online examination which is coming up, this application software has affected everyone's life and also the examination. Just like other systems, an online examination system is very fast, reliable and convenient.

In education, an examination is a test to show the knowledge and ability of students by Mogapi 2016). A student who takes an examination is called a candidate. The person who decides how well the student has performed is referred to as the examiner. Online examination system is referred to as the technology- driven way to simplify examination activities like defining exam

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