ONLINE LIBRARY MANAGEMENT SYSTEM
(CASE STUDY: BUSITEMA UNIVERSITY NAGONGERA CAMPUS)

BY

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Department Computer Studies

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A Project Report Submitted to the Faculty of Science and Education

For the Study Leading to a Project in Partial Fulfillment of the

Requirements for the Award of the Degree of

Bachelor of Science and Education of

Busitema University

Supervisor

Lukyamuzi Andrew

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Declaration

I <u>MALOBA FREDRICK</u> Reg. No. BU/UP/2017/1326 hereby declares that this Project Report is original and has not been published and/or submitted for any other degree award to any other University before.

Date: --

Approval

This Project Report has been submitted for Examination with the approval of the following supervisor/s.

Signed : …………………………………………Date : ……………………………………..

Lukyamuzi Andrew

Qualification

Department of Computer studies

Faculty of Science and Education

Dedication

This project work is dedicated to the ALMIGHTY GOD for making me being able to start up and successfully finish in sound health. Also to my parents as well for being supportive in the cause of this project work both financially and spiritually, to all my church members for the moral support and the spiritual support with the sincere prayers they made for me to attain this success and to my brother, sisters and close friends for being supportive and kind to me during the cause of this project work. May the almighty God bless you all abundantly

Acknowledgement

My sincere gratitude goes to THE ALMIGHTY GOD for his abundant mercies, guidance and protection over me throughout the course of my project work.

All thanks to my adorable parent Mr. WANDERA PATRICK and my sister MISS. NAFULA JOSEPHINE for their profound help and support during the course of this project work.

I really would say words are not enough to express my profound gratitude to my Supervisor Mr. LUKYAMUZI ANDREW, the Head of Department of Computer Studies Mr. RICHARD ANGOLE OKELLO, all the Lecturers in the Department of Computer Studies as well as the Non-teaching Staffs of the Department of Computer Studies especially the Lab Technician for their support and inspiration in one way or the other. May God bless you abundantly (Amen).

Thanks to my brothers, sisters, family as a whole and all my friends for their unconditional. All thanks to my sincere colleagues in the computer class 2016/2017 and the whole fraternity of Nagongera Campus for their immense contribution and unconditional support throughout the course of my project work. May God in his Devine favor bless you all (Amen).

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LIST OF ABBREVIATIONS

Abbreviation	Explanation
Reg. No.	Registration Number
HTML	Hypertext Markup Language
PHP	Hypertext Preprocessor
CSS	Cascading Style Sheet
DFD	Data Flow Diagram
GUI	Graphic User Interface
LIMS	Library Information Management System
RAM	Random Access Memory
OPAC	Online Public Access Catalogues.
GB	Gigabit
MB	Megabit
IDE	Integrated Development Environment
V & V	Verification and Validation
OLE	Open Library Environment
RAD	

ABSTRACT

Library is a collection of sources of information and similar resources, made accessible to a defined institution for reference or borrowing. Thus the process of handling a library manually is very troublesome and clumsy. As regards to this point of view, the computerized system for handling the activities of library management provides a comprehensive way to lessen physical labor, to reduce complexity of the manual system and soon. This project work aim to design and implement a computerized library information management system and was designed and implemented using V.B, E-DRAW and SQL server management database system. The system was developed using the V-Model software development approach.

Library Information Management System (LIMS) is a project which aims at developing a computerized system to maintain all the daily work of library .This project has many features which are generally not available in normal library management systems like facility of user login. It also has a facility of admin login through which the admin can monitor the whole system. It has also a facility where student after logging in their accounts can see list of books issued and its issue date and return date and also the students can request the librarian to borrow books by filling the book borrower's form. The librarian after logging into his account i.e. admin account can generate various reports such as student report, issue report, lecturer report and book report. Overall this project of is being developed to help the users as well as staff of library to maintain the library in the best way possible and also reduce the human efforts.