

REPORT CARD MANAGEMENT SYSTEM
(CASE STUDY: JOY DOMINION ACADEMY)

By

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Declaration

I BADAZA GEORGE Registration Number **BU/UP/2017/1260** 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.

Sign..... Date:

Approval

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

Signed :Date :

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Dedication

This project work is dedicated to the ALMIGHTY GOD for making me to be able to start up and successfully finish in sound health. Also to my guardians as well for being supportive in the course of this project work both financially and spiritually, to all my church members at Kaliro Discipleship for the moral support and the spiritual support with the sincere prayers they made for me to attain this success and close friends for being supportive and kind to me during the course of this project work. Finally to my dear brothers and sisters for the kind of support they rendered to me during this work.

May the almighty God bless you

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

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List of Abbreviations

MIS – Management information systems

SQLDB– Structured query language Database

GUI– Graphic user interface

DFD– Data flow diagram

UNEB– Uganda National Examinations board

EGMS– Exam grade management system

SID– Student identity

MGS– Mark grading system

TPS– Transaction processing systems

DSS– Decision support systems

EIS– Executive information systems

OLAPS– Online analytical processing systems

SDOS– Information System Design and Optimization System

PSD – Pseudo-code Structured design

JDM – Jackson Design methodology

HIPO– Hierarchy plus Input, Process, and Output

SADT– Structured Analysis and Design Technique

E-R Model – Entity Relationship Model

DSD– Data Structure Diagram

SDM– Semantic Data Model

RAP– Rapid application development

Abstract

This project studied the effectiveness of the application of the Management Information System (MIS) to the report card management system in order to research and develop the system and users fill in their relevant related information. The report card management system provides information for the managerial activities in secondary schools. The main purpose of this research was to ensure that the system provide accurate and timely information necessary to facilitate the decision-making process and enable planning, control, and operational functions to be carried out effectively. The methodology applied in this project was the RAD methodology which gave room to team work of workers in the school. Xampp was the database management and local server system that was employed for the development of the system. The project provided MIS framework administering and managing the system properties for it makes it flexible

The prototype has been tested with data from Joy Dominion Academy. It has been observed that the system successfully registers students, enables editing of their details and generates various reports such as report card(s), mark sheets and continuous assessment and therefore satisfying the required constraints (requirements).

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