DEVELOPMENT OF AN ACADEMIC TRANSCRIPT GENERATING SYSTEM FOR FACULTY OF PHYSICAL SCIENCES, AHMADU BELLO UNIVERSITY ZARIA.

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A PROJECT SUBMITTED TO THE DEPARTMENT OF COMPUTER SCIENCE, AHMADUBELLO UNIVERSITY,  
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CHAPTER ONE

INTRODUCTION

1. Background of study

Over the years, effort is made to alleviate the burden of student’s transcripts generating system because presently, they are manually typed using an Excel Sheet template. This manual approach of producing the transcript results in unnecessary delays and in some cases errors are recorded.

A system is a collection of inter-related and inter-connected components that work together to perform or carryout a specific task in order to accomplish a particular goal. For every system, security is a paramount issue. Data processing is define as the entire system process of converging or manipulating data into define and meaningful data information. The information obtain at the end of the process is the result. The Academic Student Transcript Generating Processing System automatically handle students' activities in the Department ranging from keeping of students' files, computation and generation of students' grade points and transcripts respectively.

* 1. Aim and Objectives

The aim of the proposed project is to develop a Transcript Generating System of the Faculty of Physical Sciences, Ahmadu Bello University Zaria.

The objectives are:

1. Review the existing approach used in preparing Students transcript by interacting with

the Staff of the Faculty of Physical Sciences, Ahmadu Bello University Zaria.

1. Design and model the architecture of the proposed using Software Ideas Modeler and

MySQLi workbench

1. Implement the proposed system using HTML, CSS, PHP and MySQL.
   1. Significant of the study

Research carried out in Faculty of Physical Sciences, Ahmadu Bello University Zaria shows that result is manually typed using an Excel Sheet template. This lead to various problem which include:

1. Insecurity of results.
2. Duplication of results.
3. Wrong calculations during computation.
4. Omission of results.

This project will achieve the following:

1. Increase in deficiency
2. Easy detection and correction of errors.
3. Reduce pressure of work.
4. Makes computation less labor intensive.
   1. Scope of the study

This project work will cover the entire back-end protection of the Academic Transcript Generating System in the Faulty of Physical Science, generating student transcript at the completion of student academy year in the school.

* 1. Limitation of the study

Realizing the financial and time constraints usually associated for the project of this nature. The following factors posed serious limitations to the research work.

1. Time constraint: the is one of the challenge that was faced during research work. This because of time
2. Finance
3. Proximity
   1. SQazdxA

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CHAPTER TWO

LITERATURE REVIEW

**2.1 The concept of computer system**

The introduction to computer system. Computer system allow user to input, manipulate and store data. Data processing stage, instruction sets are provided to let the system know what to do with the entered system data. Without these programs, the computer would not known as a stored program computer

A computer system allows users to input, manipulate and store data. Computer systems typically include a computer, monitor, keyboard, mouse and other optional components. All of these components also can be integrated into all-in-one units, such as laptop computers.

During the data processing stage, instruction sets, known as programs, are provided to let the system know what to do with the entered system data. Without these programs, the computer would not know how to process data that enters the system, and the data might be discarded. Known as a stored program computer, this type of computer is the most common in use today.

It is very flexible, as it can process any task by loading a program from storage. Computer systems can work by themselves or access other devices that are external or connected with other computer systems.