

## CHAPTER ONE

### INTRODUCTION:

This chapter gives an overview about the aim, objectives, background and operation environment of the system.

#### 1.1 BACKGROUND OF THE STUDY

Student Registration Number system is an application which are generally small or medium in size. It is used by school management to create and manage the student registration number using a computerized system where he/she can create registration number for the Student, create a report of all the registration number of the student to each of their department and faculties, storing the registration details for reference purpose. With this computerized system there will be no loss of record or member record which generally happens when a non computerized system is used. If user's position is admin, the user is able to create and maintain all the registration number details. All these modules are able to help the Registrar to manage the registration information with more convenience and in a more efficient way as compared to Registration number systems which are not computerized.

#### 1.2 STATEMENT OF THE PROBLEMS

The problems found during registration of the student was so much that there were cases where files containing the details of the student and his/her registration number got missing, unidentification of the student's department and faculties because of lack of registration number, time required to record as well as presenting an information

Lack of effectiveness in their methods of record keeping, further compounds the problem.

#### 1.3 OBJECTIVE OF THE STUDY

The project aims and objectives that will be achieved after completion of this project are discussed in this subchapter. The aims and objectives are as follows:

1. To resolve Registration number issue
2. To Request column for the Registrar to generate registration number for the student.
3. To create a separate column for registering the School information.
4. To provide a login page where the admin can have access to register and generate registration number for the student.
5. To update the student registration number based on department and faculties.

#### 1.6 SIGNIFICANCE OF THE STUDY

The significance of this study was to help and give a benefit to the student, staff and school management. The computerized library system would improve the monitoring capacities of those who maintain the system. Furthermore, the registrar would be much guided when it comes to registering and generating the registration number of the student, letting them arrange it promptly and accordingly.

#### 1.7 LIMITATION OF THE STUDY

1. Unavailability of academic materials.
2. Transport problem
3. Lack of financial support
4. Lack of Time
5. Unavailability of programming software such as Visual Basic.Net.

## 1.9 SCOPE OF THE STUDY

This research work will concentrate on Registration, Report, School management, and LogOut menu which include handling of some queries like; updating record, deleting record and viewing the student information via S/N, Name of Student, Reg Number and department as the case may be. It is a case study of Marcus ICT Academy.

## 1.8 ASSUMPTION OF THE STUDY

During the process of data collection, information relating to Student registration number System was obtained from IBOM E - LIBRARY. The information was collected from the admin staff during the course of my industrial attachment. Hence, it is assumed that all the data collected are correct and contains no false information.

## 1.8 DEFINITION OF TERMS

1. Registration: this means to keep records received from the management for reference purposes.
2. Registration Number: An Assign alphanumeric data given to Student which refer to a particular department, faculties, month and year.
3. Management: It is the co-ordination of all the resources of an Organization through the process of planning, Organization, directing and controlling
4. System: Physical component of a computer that is used to perform certain task.
5. Data: Numbers, Text or image which is in the form suitable for Storage in or processing by a computer, or incomplete information.
6. Information: A meaning full material derived from computer data by organizing it and interpreting it in a specified way.
7. Input: Data entered into a computer for storage or processing.
8. Impersonation: The act of pretending to be avoid candidate in order to write examination for someone else using that person identity card.
9. Output: Information produced from a computer after processing.
10. Information System: A set of interrelated components that collect (or retrieve), process, store and distribute information to support decision making and control in an organization.
11. **COMPUTER:-** Computer is an electronic device that accepts data as Input, processes data and gives out information as output to the user.
12. **SOFTWARE:-** Software is set of related programs that are designed by the manufacturer to control the hardware and to enable the computer perform a given task.
13. **HARDWARE:-** Hardware is a physical part of a computer that can be touched, seen, feel which are been control by the software to perform a given task.
14. **DATABASE:-** Database is the collection of related data in an organized form.
15. **PROGRAMMING:-** programming is a set of coded instruction which the computers understands and obey.
16. **TECHNOLOGY:-** Technology is the branch of knowledge that deals with the creation and use technical and their interrelation with life, society and the environment, drawing upon such as industrial art, engineering, applied science and pure science.
17. **Algorithm :** A set of logic rules determined during the design phase of a data matching application. The 'blueprint' used to turn logic rules into computer instructions that detail what step to perform in what order.

18. **Application:** The final combination of software and hardware which performs the data matching.
19. **Data matching database:** A structured collection of records or data that is stored in a computer system.
20. **Data cleansing:** The proactive identification and correction of data quality issues which affect an agency's ability to effectively use its data.
21. **Data integrity :** The quality of correctness, completeness and compliance with the intention of the creators of the data i.e 'fit for purpose'
22. **Enrollment :** The process of an individual to enroll with an agency. Involves the initial collection of identifying details.
23. **Identification:** the act of recognizing and naming someone or something

## DESIGN AND IMPLEMENTATION OF STUDENTS REGISTRATION SYSTEM

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