CHAPTERONE

INTRODUCTION:

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

1.1BACKGROUND OF THE STUDY

Student Registration Number system is an application whichare generally small or medium in size. Itis used by school management tocreateand manage the student registration number using a computerized system wherehe/she can create registration number for the Student, create a report of allthe registration number of the student to each of their department and facultites,Storingthe registration details for reference purpose. With this computerized systemthere will be no loss of record or member record whichgenerally happens when anon computerized system is used.If user's position is admin, the user is ableto create and maintain all the registration number details.All these modulesare able to help the Registrar to manage the registration information with moreconvenience and in a more efficient way as compared to Registration numbersystems which are not computerized.

1.2STATEMENT OF THE PROBLEMS

The problems found duringregistration of the student was so much that there were cases where filescontaining the details of the student and his/her registration number gotmissing,unidentification of the student's department and faculties because oflack of registration number, time required to record as well as presenting anInformation

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

1.3OBJECTIVE OF THE STUDY

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

1.To resolve Registration number issue

2.To Request column for the Registrarto generate registration number for the student.

3.To create a separate column for registeringthe School information.

4.To provide a login page where theadmin can have access to register and generate registration number for thestudent.

5.To update the student registrationnumber based on department and faculties.

1.6SIGNIFICANCE OF THE STUDY

The significance of this study was tohelp and give a benefit to the student, staff and school management.Thecomputerized library system would improve the monitoring capacities of thosewho maintain the system. Furthermore, the registrar would be much guided whenit comes to registering and generating the registration number of the student, lettingthem arrange it promptly and accordingly.

1.7LIMITATION OF THE STUDY

1.Unavailabilityof academic materials.

2.Transportproblem

3.Lackof financial support

4.Lackof Time

5.Unavailabilityof programming software such as Visual Basic.Net.

1.9 SCOPE OF THE STUDY

This research work will concentrate onRegistration, Report, School managment, and LogOut menu which include handlingof some queries like; updating record, deleting record and viewing the studentinformation via S/N, Name of Student, Reg Number and department as the case maybe. It is a case study of MarcusICT Academy.

1.8 ASSUMPTION OF THE STUDY

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

1.8 DEFINITION OF TERMS

1. Registration:this means to keep records received from the management for referencepurposes.

2. RegistrationNumber: An Assign alphanumeric data given to Student whichrefer to a particular department, faculties, month and year.

3. Management: It is the co-ordination of all the resources of an Organization throughthe 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 forStorage in orprocessing by a computer, or incompleteinformation.

6. Information: A meaning full material derived from computer data by organizing it and interpretingit in a specified way.

7. Input:Data entered into a computer for storage orprocessing.

8. Impersonation: The act of pretending to be avoid candidate in order towrite examination for someone else using that person identity card.

9. Output:Information produced from a computer afterprocessing.

10. InformationSystem: A set of interrelated components that collect (orretrieve), process, store and distribute information to support decision makingand control in an organization.

11. **COMPUTER:-**Computer is anelectronic device that accepts data as Input, processes data and gives outinformation as output to the user.

12. **SOFWARE:-**Software is setof related programs that are designed by the manufacturer to control thehardware and to enable the computer perform a given task.

13. **HARDWARE:-** Hardware is aphysical part of a computer that can be touched, seen, feel which are beencontrol by the software to perform a given task.

14. **DATABASE:-** Database is thecollection of related data in an organized form.

15. **PROGRAMMING:-** programmingisaset of coded instruction which the computers understands and obey.

16. **TECHNOLOGY:-**Technology isthe branch of knowledge that deals with the creation and use technical andtheir interrelation with life, society and the environment, drawing upon suchas industrial art, engineering, applied science and pure science.

17. **Algorithm :** A set of logic rules determined during the design phaseof a data matching application. The 'blueprint' used to turn logic rules intocomputer instructions that detail what step to perform in what order.

18. **Application:** The finalcombination of software and hardware which performs the data matching.
19. **Data matchingdatabase:** A structured collection of records or data that isstored in a computer system.
20. **Data cleansing:** The proactive identification and correction of dataquality issues which affect an agency's ability to effectively use its data.
21. **Data integrity :** The quality of correctness, completeness and complainwith the intention of the creators of the data i.e 'fit for purpose'
22. **Enrollment :** The process of anindividual to enroll aith an agency. Involves the initial collection ofidentifying details.
23. **Identification:**the act ofrecognizing and naming someone or something

DESIGN AND IMPLEMENTATION OF STUDENTS REGISTRATION SYSTEM