CHAPTER ONE

1.0 INTRODUCTION

1.1 GENERAL OVERVIEW

Theprofound effect of the application of computers in institution of higherlearning cannot be over emphasized. Computer is been used to process studentsadmission and registration as well as their academic processing or procedure.Besides that the result o f the student i.e fully computerized which makes iteasier and quicker to process. This does not stop here, the off payment is alsobeing processed using computer. However it should be noted that any institutionof higher learning requires the services of principals, teacher, librarians,lecturer, bursars, registration provosts, rectors, vice chancellor and a hostof categories of per efficient and effective operation. It is the leadershipqualities coupled with academic conquests of these principal offices that willintegrate the power of computing with student information system and order toproduce of faster dynamic and efficient of the development.

Moreover, an efficient informationsystem of the institution is not of paramount importance because it assist inthe management of student record and also in providing adequate academicfacilities for their students.

1.2 DEFINITION OF STUDENTREGISTRATION SYSTEM

When a person becomes a prospectivestudent in any institution of higher learning, a record contains theinformation about the student like: full name, sex, date of birth, maritalstatus, religion, state of origin, nationality, permanent addressed e.t.c.Student registration system could be defined how ever as a means of providingadequate resources for analyzing, designing and recording student relatedrecords like: student registration procedure, payment system as well as theiracademic records.

A well organized and well automated, student registration system willand academic research, equip the institution with relevant information so as tomake a strict all vision to any student in cases of emergency and also toprevent the occurrence of certain academic vices like: certificate forgery,other illegal academic qualifications as in case of one former speaker of thehouse of representative Alhaji Salisu Buhari who claimed to have graduated fromuniversity of Toronto but as result of sound. Well automated studentregistration system the institution was bequeathed with, they were able todetect easily that he had no academic record in the aforementioned institution.

1.3 BACKGROUNDOF THE BRIEF HISTORY AND ORGANIZATIONAL STRUCTURE OF FACULTY OF INFORMATIONCOMMUNICATION TECHNOLOGY

Faculty of information and communicationtechnology was formerly a satellite campus of the Ibadan Polytechnic, Iree inOctober 1992.

The faculty was one of the pioneeredfaculties that took off with the institution as Osun Polytechnic in October1992. The faculty had resources accreditation for ND programmes in 1973 andsubsequently full accreditation in 1995, thirty students were admitted for thisprogram (ND 1 Computer science) as pioneer students.

Faculty of information andcommunication technology is one of the faculties in Osun State Polytechnic Iree,who is offering training to people who are not computer literate.

This faculty of information andcommunication technology offers quick training in computer

operations, dataentry and use of various programming language.

It runs appropriate program forsecondary school leaves graduates of college of education, polytechnic anduniversities. It also train business executives and management staff.

The relevant of registrationconcerning her registration are full name, sex, date of birth, marital status,state of origin, nationality, permanent address and the sponsors. Here hergrading system is as follows

a. For marks from 80 above
b. For marks from 70 to 79.9
c. For marks from 60 to 69.9
d. For marks from 50 to 599.9
e. For marks from 40 to 49.9
f. For marks below 40

1.4 STATEMENT OF THE PROBLEM

The manual system of recordingstudent registration has been found to be cumbersome tedious and timeconsuming, the mode of storage and retrieving of student's registrationinadequate. It is done manually by clerical staff and this is proving toun-availability of a centralized pool of student according to their specificduration of programme. Also the awarding of grades is manual, the scores andmarks of the student are word processed and the result is printed out.

Hence the need for the automation ofthe system is expedient.

1.5 OBJECTIVES OF THE PROJECT

1. To create a database per theregistration procedure of the institution
2. To create a file that will handle thepayment of fees by the student
3. To create a file for the academicrecords of the student into an appropriate
4. Toconvert the law score of each offered by the student into an appropriate grade.

1.6 SIGNIFICANCEOF THE STUDY/THE BENEFITS OF THE PROJECT

Having achieved the aims of theproject, the following benefits are derived:

1. It quicken the registration procedure
2. It leads to the avoidance ofduplication of efforts
3. It provides facilities for decisionmaking process
4. It control redundancy (duplication ofdata)
5. Itreduces cost of labour cost of labour force responsible for scoring andawarding of grades is greatly reduced
6. Itreduces inefficiency and inaccuracy
7. Itprevent loss of data i.e. data during completion of forms in the manualregistration process
8. Itgenerally saves time

1.7 THESCOPE OF THE PROJECT

This section gives a brief outlineof the extent of which the project covers. The project starts with theintroduction of the study, aims and benefit of the project.

It also covers the literaturereview, brief explanation on the existing system, data collection methods asthe computers requirement will be used in the new design.

It also pay attention on the methodused in collecting data analysis of the proposed system and design. It alsotake care of the implementation and the control system.

Finally, it makes conclusion,recommendation as well as appendix, more importantly, due to time constraintand other factors the project cannot be generalized. It is only restricted tofaculty of information and communication technology.

DESIGN AND IMPLEMENTATION OF A COMPUTERIZED STUDENTS ID-CARD PROCESSING SYSTEM