

Automated Monitoring of Grades

5228

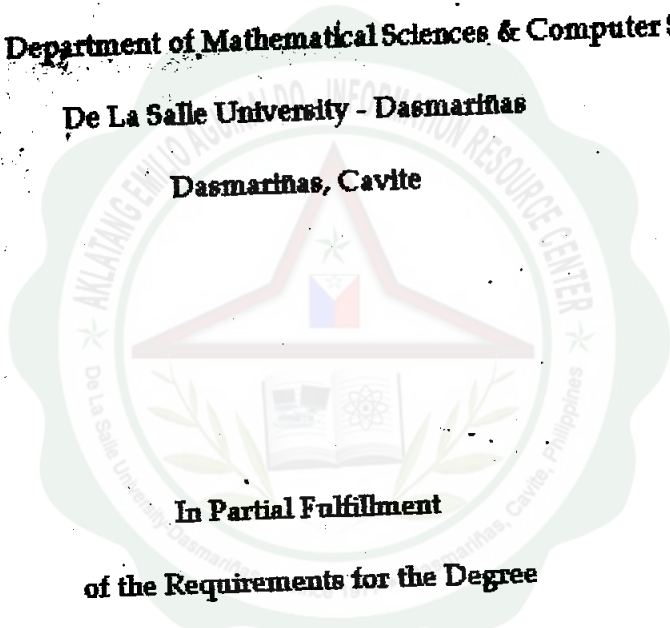
An Undergraduate Special Problem

Presented to

the Faculty of Department of Mathematical Sciences & Computer Studies

De La Salle University - Dasmariñas

Dasmariñas, Cavite



In Partial Fulfillment

of the Requirements for the Degree

Bachelor of Science in Computer Science

Sheryl D. Kamantigue
Emmylou F. Rodenas

March 1998

ABSTRACT

NAME OF INSTITUTION: DE LA SALLE UNIVERSITY - DASMARIÑAS

ADDRESS: DASMARIÑAS, CAVITE

TITLE: AUTOMATED MONITORING OF GRADES

**AUTHOR: SHERYL D. KAMANTIGUE
EMMYLOU F. RODENAS**

FUNDING SOURCE: PARENTS

COST: P 20,000.00

DATE STARTED: DECEMBER 1997 DATE COMPLETED: FEBRUARY 1998

OBJECTIVES OF THE STUDY:

A. GENERAL

The primary objective of this study is to design a networked system that will generate a grading sheet and eliminate the use of classcards.

B. SPECIFIC:

1. to facilitate faster and more efficient postage of grades to the parents;
2. to facilitate data communication between linked networks;
3. to link different stations of the institution as to capitalize networking capabilities among computers;
4. to utilize Visual Foxpro.

SCOPE AND COVERAGE:

// The study covers operations done in the Registrar's Office since the system monitors the grades of each student and generates reports like grading sheets and classcards. It also concentrates on encoding of grades, adding and viewing faculty schedule and list of students, each of which is performed by different users. Moreover, it includes the capitalization of networking capabilities among computers since the system also runs in a networked environment. //

METHODOLOGY:

A. Activities

The proponents made use of several methods in gathering all the necessary information needed to complete the study:

1. Interview Method

The method that involves the collection of data through direct interaction between the interviewer and the interviewee.

2. Research Method

The method of careful explanation or examination to discover new information of relationships to expand and to verify existing knowledge. It is the manipulation of things, concepts or symbols for the purpose of generalizing and to extend, correct or verify knowledge, whether that knowledge is in the construction of theory or in the process of an argument.

OUTPUT OF THE STUDY:

The turnout of the study consist mainly of two important reports, grading sheet and classcard, both of which is the result of monitoring the grades of each student and storing this valuable information in the computer.

CONCLUSIONS:

The developed system can be a very useful tool in monitoring the grades of students, moreso that it produces relevent reports such as grading sheet and classcards. The professors, as well as the students will benefit from it because it provides them with updated schednle, grades and list of students.

RECOMMENDATIONS:

Although the system was already completed, the proponents recommend further enhancement by ~~the~~ including a report on the computed GPA (Grade Piont Average) of each student for easy evaluation of students qualified to be Dean's Listers. In addition, it will be helpful to the dean if a summary on the number of students who failed will be produced so as to determine if it will be advisable to offer the subject again so that irregular students will be minimized.

TABLE OF CONTENTS

	PAGE
TITLE PAGE	i
ABSTRACT	ii
APPROVAL SHEET	iii
ACKNOWLEDGEMENT	iv
CHAPTER	
1. THE PROBLEM AND ITS BACKGROUND	
Introduction	1
Theoretical Framework	1
Statement of the Problem	2
Scope and Delimitation of the Study	3
Significance of the Study	3
Objectives of the Study	4
Definition of Terms	5
2. REVIEW OF RELATED LITERATURE	7
3. METHODOLOGY	10
4. PRESENTATION, RESULTS AND DISCUSSION	13
5. SUMMARY, CONCLUSION AND RECOMMENDATIONS	
Summary	19
Conclusion	19
Recommendation	20
REFERENCES	21
APPENDICES	
Certification from the Review Panel	23
Thesis Clearance	24
Certification from the Editor	25
Certification from the CRC Representative	26
Certification from the Adviser	27
User's Manual	28
Sample Output	30
CURRICULUM VITAE	