DEVELOPMENT OF COMPUTERIZED STUDENT'S STATEMENT OF ACCOUNT AND COLLECTIONS RECORDING SYSTEM OF CvSU-ROSARIO (A SOFTWARE MODULE OF COMPUTERIZED ENROLLMENT SYSTEM)

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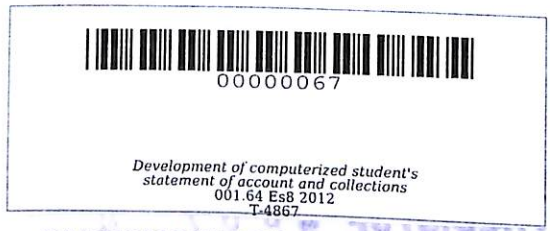
November 2012

DEVELOPMENT OF COMPUTERIZED STUDENT'S STATEMENT OF ACCOUNT AND COLLECTIONS RECORDING SYSTEM OF CvSU-ROSARIO (A SOFTWARE MODULE OF COMPUTERIZED ENROLLMENT SYSTEM)

A Narrative Report Manuscript
Submitted to the Faculty
of Graduate School and Open Learning College
Cavite State University
Indang, Cavite

In partial fulfillment
of the requirements for the degree,
Master in Information Technology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Development of computerized student's statement of account and collections
001.64 Es8 2012
T-4867

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ABSTRACT

ESTONILO, CHRISTOPHER G., Development of Computerized Student's Statement of Account and Collections Recording System of CvSU-Rosario (A Software Module of Computerized Enrollment System). Practicum Narrative Report Manuscript. Master in Information Technology (MIT). November 2012. Adviser: Ms. Charlotte B. Carandang.

The practicum was conducted at Cavite State University – Rosario from October 2011 to May 2012 with 500 hours completed. The objective of the practicum is to develop a computerized student's statement of account and collections recording systems of Cavite State University-Rosario.

The developer intended to develop the system because of the traditional transaction happens in the offices of the Registrars, Accounting and Cashier. There are problems in the assessment of fees, payment of fees, recording of collections and inquiry of student's tuition fees.

To develop the new system, the developer used Object-Oriented Method, particularly the used of Interactive Model and a set of Project Management Tools for the development of the new system called Computerized Student's Statement of Account and Collection Recording System of CvSU-Rosario. In the interactive model, the stage of planning, analyzing and designing tasks interacted continuously that produced the prototypes as tested, evaluated and implemented. The developer used Microsoft Visual Basic.Net for the interface and MySQL for the system's backend.

As a result, the developed system was evaluated for possible deployment in the University. The criteria used are: functionality, content, reliability, availability, maintainability and saleability. The evaluators were composed of the

IT instructors, students, and possible users in the offices of Registrar, Accounting, and Cashier. The new system passed all the given criteria in the evaluation and met all the requirements of the software. It provides solution to the problems identified from the traditional transaction of enrollment of the University.

Furthermore, the modules of the system were designed toward a full-blown enrollment system of Cavite State University-Rosario. The trainee finished the training on the given period of time and developed a system called Computerized Student's Statement of Account and Collections Recording System of CvSU-Rosario.

TABLE OF CONTENTS

Page

BIOGRAPHICAL DATA iii

ACKNOWLEDGMENT iv

ABSTRACT v

LIST OF FIGURES ix

LIST OF TABLES x

LIST OF APPPENDICES xi

LIST OF APPENDIX FIGURES xii

LIST OF APPENDIX TABLES xiii

INTRODUCTION 1

Importance of the Practicum 2

Objectives of the Practicum 3

Time and Place of the Practicum 4

Scope and Limitation of the Practicum 4

Definition of Terms 5

METHODOLOGY 7

Practicum Schedule 7

Practicum Activities 7

DISCUSSION OF PRACTICUM OUTCOME 9

Existing Enrolment System of CvSU-Rosario 9

Problems Associated with the Existing System 9

Description of the Proposed System 11

Requirements for the Proposed System 19

SUMMARY, CONCLUSION AND RECOMMENDATION 25

Summary 25

Conclusion 26

Recommendation 27

BIBLIOGRAPHY 29

APPENDICES 30

LIST OF FIGURES

Figure		Page
1	Conceptual Model of the System	12
2	Screen Layout of the User Login Form	13
3	Screen Layout of the Main Form	13
4	Screen Layout of the Students Profile / Admission Form	14
5	Screen Layout of the Subject Registration and Assessment of Fees Form	15
6	Screen Layout of the Student Payment Form	16
7	Screen Layout of the View of Collection Report Form	16
8	Screen Layout of the Student's Statement of Account Inquiry Form	17
9	Screen Layout of the Other Forms	18
10	Proposed Network Connection	19

LIST OF TABLES

Table		Page
1	Perception of the respondents on the functionality of the software	21
2	Perception of the respondents on the content of the software	21
3	Perception of the respondents on the reliability of the software	22
4	Perception of the respondents on the availability of the software	23
6	Perception of the respondents on the maintainability of the software	23
7	Perception of the respondents on the saleability of the software	24

LIST OF APPENDICES

Appendix

A	Gantt Chart of Schedule of Activities
B	Fishbone Diagram of the Existing System
C	Dataflow Diagram of the Proposed System
D	Software Evaluation Form
E	Frequency Distribution
F	Organizational Units and Functions
G	Enrollment Record of CvSU-Rosario

LIST OF APPENDIX FIGURES

Appendix Figures		Page
1	Gantt Chart for Schedule of Activities	31
2	Fishbone Diagram of Problem 1	33
3	Fishbone Diagram of Problem 2	34
4	Fishbone Diagram of Problem 3	35
5	Fishbone Diagram of Problem 4	36
6	Context Data Flow Diagram of the Proposed System	38
7	Level 0 Data Flow Diagram of the Proposed System	39
8	Evaluation of the Software Form	41

LIST OF APPENDIX TABLES

Appendix Table		Page
1	Frequency distribution of the respondent's perception on the functionality of the software	43
2	Frequency distribution of the respondent's perception on the content of the software	44
3	Frequency distribution of the respondent's perception on the reliability of the software	45
4	Frequency distribution of the respondent's perception on the availability of the software	46
5	Frequency distribution of the respondent's perception on the maintainability of the software	47
6	Frequency distribution of the respondent's perception on the saleability of the software	48
7	Organizational Units and Functions	54
8	Enrollment Record of CvSU-Rosario	64

DEVELOPMENT OF COMPUTERIZED STUDENT'S STATEMENT OF ACCOUNT AND COLLECTIONS RECORDING SYSTEM OF CvSU-ROSARIO (A SOFTWARE MODULE OF COMPUTERIZED ENROLLMENT SYSTEM)[1]

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[1]/A Narrative Report submitted to the faculty of the College of Engineering and Information Technology, Cavite State University – Main Campus, Indang, Cavite in partial fulfillment of the requirements for the degree, Master of Information Technology. Prepared under the supervision of Ms. Charlotte B. Carandang.

INTRODUCTION

In today's generation, according to Shelly and Cashman (2009), information technology affects businesses, large and small. Companies use information as a weapon in the battle to increase productivity, deliver quality products and services, maintain customer loyalty, and make sound decisions. In a global economy with intense competition, information technology can mean the difference between success and failure.

Even some transactions and inquiries in universities and colleges are made easy by using computerized system to enhance the enrollment, library and payroll processes for the benefit of the administration, faculty, employees and students. Enrollment system is one of the major factors that affect the potentials and credibility of one school. Typically, it starts with advising of academic subjects, assessment of fees for every student, and then everything follows.