05 APR 2000

De La Salle University - Dasmariñas

Management Information System for Progress Equipment And Systems Corporation, Philippines on Gross Sales Report

An Undergraduate Special Problem

Presented to

The Faculty of Computer Studies Department

De La Salle University-Dasmariñas

Dasmariñas, Cavite

In Partial Fulfillment

of the Requirements for the Degree

Bachelor of Science in Computer Science

by

Acevedo, Emma Rosa B.

Pacifico, Marites V.

March 2000

AKLATANG EMILIO AGUINALDO ARCHIVES

LIST OF TABLES

Table 7-1	Management Information System Installation Schedule	7-2
Table 7-2	Users of the Management Installation System	7-4
Table 7-3	Training Schedule	7-5

AKLATANG EMILIO AGUINALDO - INFORMATION RESOURCE CENTER
De La Salle University-Dasmariñas • Since 1977 • Dasmariñas, Cavite, Philippines

LIST OF FIGURES

Figure 4-1 Data Flow Diagram of the Existing System 4-11

AKLATANG EMILIO AGUINALDO - INFORMATION RESOURCE CENTER
De La Salle University-Dasmariñas • Since 1977 • Dasmariñas, Cavite, Philippines

LIST OF APPENDICES

Appendix A	Special Problem Certification
Appendix B	Special Problem Clearance
Appendix C	Editor's Approval Sheet
Appendix D	CRC Representative Approval Sheet
Appendix E	Adviser's Approval Sheet
Appendix F	Data Flow Diagram
Appendix G	Data Dictionary
Appendix H	Forms of the Company
Appendix I	Entity Relationship Diagram
Appendix J	Normalization
Appendix K	Users Manual

RIZALINO S. RUNALDO - INFORMATION RESOURCE CENTER
De La Salle University-Dasmariñas • Since 1977 • Dasmariñas, Cavite, Philippines

TABLE OF CONTENTS

Chapter 1		Page
1.0	Introduction	1-1
1.1	Background of the Study	1-1
1.2	Statement of the Research Problem	1-2
1.3	Statement of Objectives	1-3
	1.3.1 General Objectives	1-3
	1.3.2 Specific Objectives	1-3
1.4	Significance of the Study	1-3
1.5	Scope and Limitations of the Study	1-4
1.6	Methodology of the Study	1-5
Chapter 2		
2.0	Review of Related Literature	2-1
Chapter 3		
3.0	Theoretical Framework	3-1
3.1	Statement of Assumptions	3-1
3.2	Operational Definitions	3-1
	3.2.1 Definition of Terms	3-1
	3.2.2 Definition of Processes	3-2
3.3	Theories Used in the Study	3-4
Chapter 4		
4.0	Existing System	4-1
4.1	Description of the System	4-1
4.2	Definition of data Capture	4-2
4.3	Inputs	4-4
4.4	Processes	4-5

AKLATANG EMILIO CHINALES · INFORMATION RESOURCE CENTER · De La Salle University - Dasmariñas · Since 1977 · Dasmariñas, Cavite, Philippines

			Page
	4.5	Files	4-6
	4.6	Outputs	4-8
	4.7	Problem Areas	4-10
	4.8	Data Flow Diagram	4-11
Chapter 5			
5.0	**The Proposed System**		5-1
	5.1	System Overview	5-1
	5.2	System Objectives	5-3
	5.3	Scope	5-3
	5.4	System Justification	5-5
Chapter 6			
6.0	**Design**		6-1
	6.1	Inputs and File	6-1
	6.2	Processes	6-3
	6.3	Outputs	6-10
Chapter 7			
7.0	**Implementation**		7-1
	7.1	Resources Requirements	7-1
		7.1.1 Software Requirements	7-1
		7.1.2 Hardware Requirements	7-1
		7.1.3 Human Resources Requirement	7-2
	7.2	Installation Plans	7-2
		7.2.1 System Installation	7-2
		7.2.2 Training Plans	7-3
		7.2.3 Conversation Plans	7-6

AKLATANG EMILIO AGUINALDO - INFORMATION RESOURCE CENTER
De La Salle University-Dasmariñas • Since 1977 • Dasmariñas, Cavite, Philippines

		Page
7.2.4	Testing	7-7
Chapter 8		
8.0	**Cost Benefit Analysis**	**8-1**
8.1	**Resources Set-up**	**8-1**
8.2	**Operational Set-up**	**8-3**
Chapter 9		
9.0	**Conclusion and Recommendations**	**9-1**

AKLATANG EMILIO AGUINALDO - INFORMATION RESOURCE CENTER
De La Salle University-Dasmariñas • Since 1977 • Dasmariñas, Cavite, Philippines

Abstract

Management Information System on Gross Sales, a management information system designed and created for the usage of PEASCORP and developed for almost a year, has several features, limitations and is feasible. PEASCORP is in-charge of the maintenance and releasing of the equipments used by the different manufacturing companies. File processing approach was the system implemented prior to the development of the Management Information System on Gross Sales, involving different forms for the different transactions that it has. The Management Information System on Gross Sales is capable of manipulating and carrying out the releasing and receiving transactions on equipments and maintenance of the transaction's informational sources. It was designed to resolve the problems on transaction processing. The Spiral Methodology was the system used for the development, preferred because of the verification process that it provided which was vital for the development of the system to ensure the consuming of time as well as system cost would be eliminated. Visual Basic 5.0 was the language used because it was powerful, object-oriented and easy to use.