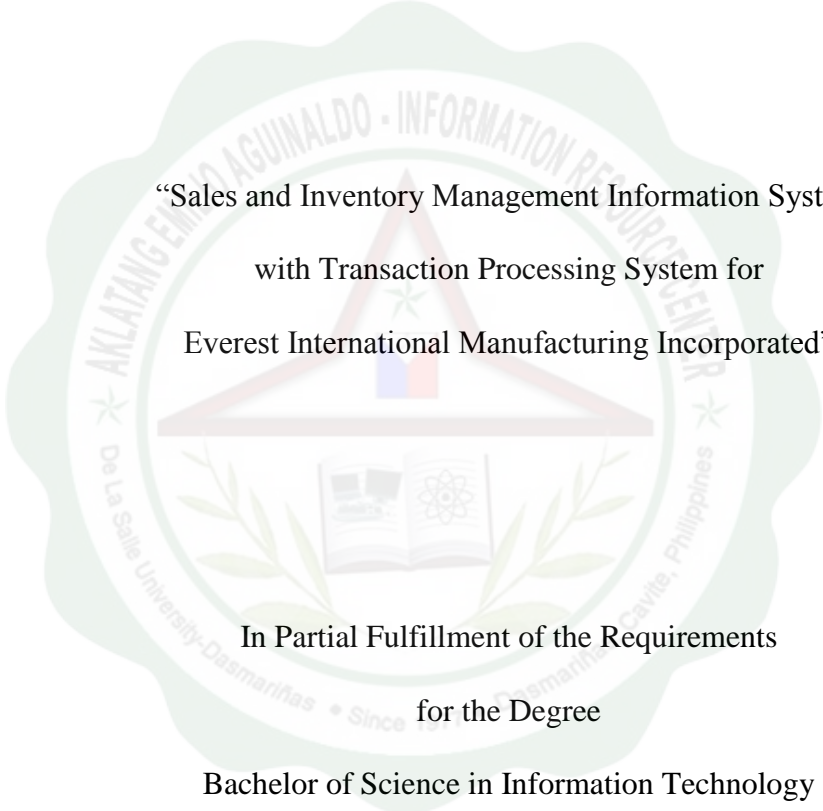


De La Salle University – Dasmariñas  
College of Science and Computer Studies  
Computer Studies Department



“Sales and Inventory Management Information System  
with Transaction Processing System for  
Everest International Manufacturing Incorporated”

In Partial Fulfillment of the Requirements  
for the Degree  
Bachelor of Science in Information Technology

Castillo, Wilmor P.

Ang, Remel Paul M.

Cedo, Alvin R.

## ABSTRACT

Nowadays, many companies are adapting changes in order to improve the quality of work done. This improvement is one of the proponents' goals in the proposed system. The proponents' objective is to change the manual system of Everest International Manufacturing Incorporated to an automated one where there are transactions, details of each department, and user interference environment provided.

Through this innovation, the manual processing of this organization would become automated and improved. The proposed system assures that a high quality of work is possible. The system could help them with their procurement process from accounting stocks, purchase order, handling overruns, and giving information for each department through the records of the database. The system is friendly user and provides the need for the printed reports which was not done before by the company.

## TABLE OF CONTENTS

<b>ABSTRACT</b> .....	I
<b>ACKNOWLEDGEMENT</b> .....	II
<b>CHAPTER I: INTRODUCTION</b> .....	1
1.1 PROJECT CONTEXT .....	1
1.2 PURPOSE AND DESCRIPTION .....	4
1.3 STATEMENT OF THE OBJECTIVES .....	5
1.3.1 GENERAL OBJECTIVE .....	5
1.3.2 SPECIFIC OBJECTIVE .....	5
1.4 SCOPE AND LIMITATION .....	6
<b>CHAPTER II : REVIEW OF RELATED LITERATURE</b> .....	8
2.1 LOCAL LITERATURE .....	8
<b>CHAPTER III : METHODOLOGY</b> .....	13
3.1 RESEARCH PARADIGM .....	13
3.2 CONCEPT OF THE STUDY .....	16
3.2.1 PROJECT DESIGN.....	16
3.2.2 GENERAL PROCESS FLOW .....	17
3.3 CONCEPTUAL PROCESS .....	18
3.4 INSTALLATION PLAN .....	18
3.4.1 SYSTEM INSTALLATION .....	18
3.4.2 TRAINING PLANS .....	18
3.4.3 CONVERSION PLANS .....	19

3.4.4 TESTING PLANS .....	19
3.5 SOFTWARE AND HARDWARE REQUIREMENTS .....	20
3.5.1 SOFTWARE REQUIREMENTS .....	20
3.5.2 HARDWARE REQUIREMENTS .....	20
<b>CHAPTER IV : DESIGN AND METHODOLOGY .....</b>	<b>21</b>
4.1 PROJECT DEVELOPMENT .....	21
4.1.1 DATA FLOW DIAGRAM .....	21
4.2 DEVELOPMENT PLANNING .....	23
4.2.1 SOFTWARE SUITED FOR DEVELOPMENT .....	23
4.2.2 PROGRAMMING LANGUAGE USED FOR DEVELOPMENT .....	23
4.3 EVALUATION OF THE PROJECT .....	24
4.3.1 RESPONDENTS .....	24
4.3.2 RESEARCH INSTRUMENTS AND TECHNIQUES .....	25
4.3.3 DATA GATHERING PROCEDURES .....	25
4.3.4 STATISTICAL TREATMENT OF DATA .....	25
<b>CHAPTER V : RESULTS AND DISCUSSION .....</b>	<b>26</b>
5.1 RESULTS .....	26
5.2 DISCUSSION .....	26
5.2.1 COMPANY EVALUATION RESULT .....	26
<b>CHAPTER VI : CONCLUSION AND RECOMMENDATION .....</b>	<b>28</b>
6.1 CONCLUSION .....	28
6.2 RECOMMENDATION .....	29