

#### ONLINE SALES AND INVENTORY SYSTEM

### FOR MAQUILING BUILDERS DEPOT

An Undergraduate Thesis Proposal

Presented to the Computer Studies Department

College of Science

De La Salle University – Dasmariñas

In Partial Fulfillment of the Requirements for the

Degree of Bachelor Science in

Information Technology

Lago, Kiel

Tenedero Aljon

March 2012



TABLE OF CONTENTS	
Acknowledgement	ii
Abstract	iii
Chapter 1: INTRODUCTION	
1.1 Background of the Study	1
1.2 Statement of the Research Problem	3
1.3 Statement of Objectives	
1.3.1 General Objective	4
1.3.2 Specific Objective	5
1.4 Significance of the Study	5
1.5 Scope and Limitation	7
1.6 Methodology	8
Chapter 2: Review of Related Literature	
2.1 Foreign Literature	13
2.2 Local Literature	17



# De La Salle University - Dasmariñas

## **Chapter 3: Theoretical Framework**

3.1 Statement of Assumptions	19
3.2 Operational Definitions	
3.2.1 Definition of Terms	20
3.2.2 Definition of Process	21
3.4 Theories used in Study	22
Chapter 4: The Existing System	
4.1 Description of the System	28
4.2 Data Capture	29
4.3 Inputs	31
4.4 Processes	32
4.5 Files	37
4.6 Outputs	39
4.7Problem Areas	41



# De La Salle University - Dasmariñas

### **Chapter 5: The Proposed System**

5.1 The System Overview	43
5.2 System Objectives	44
5.3 System Scope	45
5.4 System Justification	47
Chapter 6: Design	
6.1 Input	48
6.2 Processes	50
6.3 Files	60
6.4 Output	62
Chapter 7: Implementation	
7.1 Resource Requirements	
7.2 Software Requirements	66
7.3 Hardware Requirements	66
7.4 Human Resource Requirements	67



# De La Salle University - Dasmariñas

7.2 Installation Plans	
7.2.1 System Installation	68
7.2.2 Training Plans	68
7.2.3 Conversion Plans	70
7.2.4 Testing	70
Chapter 8: Conclusions and Recommendations	
8.1 Conclusion	71
8.2 Recommendation	72



#### Abstract

There had been a number of researches that created Online Sales and Inventory. This study is conducted to develop an Online Sales and Inventory for Maquiling Builders Depot. This system may be used to store the details of the company, update sales, update and monitor the inventory of the three branches and billing of customers, generate receipt for customers and generate weekly, monthly and annual sales reports. The system has different access levels such as Administrator, staff and customer to maintain the security and confidentiality of the system. It has a maintenance module wherein the administrator can add, edit, delete and update products and provide access level for their staff. It has a user-friendly interface where they can search for a product more quickly while customers may submit their query online.