

ONLINE SALES AND INVENTORY SYSTEM FOR CABEL FINE FURNITURE

An Undergraduate Special Problem

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 of Science in

Information Technology

Chua, Ella Marie A.

Kalaw, Kimberly Queen M.

Tumandao, Ma. Elenia O.

May 2012



Table of Contents

APPROVAL SHEET	i
CERTIFICATION	ii
ACKNOWLEDGEMENT	iii
ABSTRACT	v
1.0 INTRODUCTION	
1.1 Background of the Study	1
1.2 Statement of the Research Problem	2
1.3 Statement of Objectives	
1.3.1 General Objectives	5
1.3.2 Specific Objectives	5
1.4 Significance of the Study	6
1.5 Scope and Limitations of the Study	7
1.6 Methodology of the Study	8
1.6.1 Requirement Phase	10
1.6.2 Design Phase	10
1.6.3 System Phase	11



1.6.4 Test Phase	11
2.0 REVIEW OF RELATED LITERATURE	12
2.1 Local Literatures	12
2.2 Foreign Literatures	16
3.0 THEORETICAL FRAMEWORK	
3.1 Statement of Assumptions	20
3.2 Definition of Terms	21
3.3 Definition of Process	22
3.4 Theories Used in the Study	24
4.0 EXISTING SYSTEM	
4.1 Description of the System	30
4.2 Inputs	
4.3 Process	32
4.4 Files	38
4.5 Output	40
4.6 Problem Areas	41
5.0 THE PROPOSED SYSTEM	
5.1 System Overview	42
5.2 System Objectives	43



5.3 Scope	44
5.4 System Justification	45
6.0 DESIGN	
6.1 Inputs	46
6.2 Process	
6.3 Files	54
6.4 Outputs	57
7.0 IMPLEMENTATION	
7.1 Resource Requirements	60
7.1.1 Software Requirements	60
7.1.2 Hardware Requirements	61
7.1.3 Human Resource Requirements	62
7.2 Installation Plan	
7.2.1 System Installation	63
7.2.2 Training Plans	64
7.2.3 Conversion Plans	65
7.2.4 Testing	66



8.0 CONCLUSION AND RECOMMENDATION

8.1	Conclusion		6	7
-----	------------	--	---	---

8.2 Recommendation ----- 69

APPENDICES

APPENDIX A

Data Flow Diagram (Existing) ----- a

APPENDIX B

Data Flow Diagram (Proposed) -----e



ABSTRACT

Companies worldwide have recognized the use of technology as an advantageous tool for the success of their businesses. With the help of the internet, companies have automated their businesses to be able to increase their sense of global competitiveness. New systems available over the internet had helped them provide better and more efficient services to customers and proved effectual to the rise of businesses. One of the companies joining this new world of commerce is Cabel Fine Furniture.

An online Sales and Inventory System is the proposed system for the Cabel Fine Furniture by the proponents which aims to provide the company a solution to the problems which are mostly encountered by the current manual system that the company has. It also promotes better business transactions with suppliers and customers which could be done with ease. With online sales and inventory system, customers could browse, purchase, and order products by registering and logging in with their usernames and passwords. The system can inform the managers about the critical status of products and the company could send notifications to suppliers to replenish products.

De La Salle University - Dasmariñas

The system also produces sales and inventory reports that could be generated daily, weekly, monthly, and annually. Through the proposed system, Cabel Fine Furniture will have the opportunity of managing its business anywhere and anytime.

