

**ONLINE SALES AND INVENTORY SYSTEM
FOR TOUCH OF CLASS FURNITURE SHOP**

**An Undergraduate Thesis Proposal
Presented to
The Faculty of the Computer Studies Department
College of Science
De La Salle University - Dasmariñas**

**In Partial Fulfilment
Of the Requirements for the Degree of
Bachelor of Science in Information Technology**

**Lim, Christian Daniel T.
Bale, Mark Anthony P.
Esponilla, Norman Daryl O.**

April 2012

Abstract

Online Sales and Inventory System is a web application which is made for Touch of Class Furniture Shop. The idea of this thesis is to study the company's current situation and propose a solution in order to digitalize their current processes and overcome the current issues which are being faced daily due to lack of computerized solution. This need of digitalization of their current processes related to order handling will help the company in forecasting their business growth. After that the system requirements were identified and documented. Theoretical review of similar systems was made. And as a result recommendations were given to Touch of Class Furniture Shop.

TABLE OF CONTENTS

ABSTRACT	I
TABLE OF CONTENTS	II
ACKNOWLEDGMENTS.....	V
1. INTRODUCTION.....	1
1.1 BACKGROUND OF THE STUDY	1
1.2 STATEMENT OF THE RESEARCH PROBLEM	3
1.3 STATEMENT OF OBJECTIVES	5
1.4 SIGNIFICANCE OF THE STUDY	6
1.5 SCOPES AND LIMITATIONS OF THE STUDY	7
1.6 METHODOLOGY	9
2. REVIEW OF RELATED LITERATURE.....	12
2.1 APPLE STORE	13
2.2 ONLINE SALES AND INVENTORY SYSTEM FOR EMILU'S MART	13
2.3 FILGIFTS.....	14
2.4 MERCHANTOS	15
2.5 THE HARDWARE CITY.....	16
2.6 SUITECLOUD	17
3. THEORETICAL FRAMEWORK	18
3.1 STATEMENT OF ASSUMPTIONS	18
3.2 OPERATIONAL DEFINITIONS	19
3.3 THEORIES USED IN THE STUDY.....	21
4. THE EXISTING SYSTEM	25
4.1 DESCRIPTION OF THE SYSTEM.....	25
4.2 DEFINITION OF DATA CAPTURE.....	26
4.3 INPUTS	28
4.4 PROCESSES	30
4.5 FILES	33
4.6 OUTPUTS	36
4.7 DATA FLOW DIAGRAM.....	37

4.8 PROBLEM AREAS.....	38
5 . THE PROPOSED SYSTEM	39
5.1 SYSTEM OVERVIEW	39
5.2 SYSTEM OBJECTIVES.....	40
5.3 SCOPE	41
5.4 SYSTEM JUSTIFICATION	43
6. DESIGN	45
6.1 INPUTS	45
6.2 PROCESS.....	46
6.3 FILES.....	51
6.4 OUTPUTS.....	54
7. IMPLEMENTATION.....	58
7.1 RESOURCE REQUIREMENTS.....	58
7.2 INSTALLATION PLANS	59
8. CONCLUSIONS AND RECOMMENDATIONS	62
8.1 CONCLUSIONS.....	62
8.2 RECOMMENDATIONS.....	63

APPENDICES

LIST OF FIGURES

BIBLIOGRAPHY