

**ONLINE SALES AND INVENTORY MANAGEMENT
SYSTEM FOR HAPIHOMES FINITURE
INCORPORATED**

**An Undergraduate Research Proposal Presented to
the Computer Studies Department
College of Science
De La Salle University – Dasmariñas**

The seal of De La Salle University - Dasmariñas is a circular emblem with a scalloped border. It features a central shield with a red triangle at the top, a white triangle at the bottom, and a blue triangle on the left. A green star is positioned above the shield. The shield is flanked by two green laurel branches. The text "AKLATANG EMILIO AGUIBAL" is written along the top inner edge, and "INFORMATION RESOURCE CENTER" is written along the bottom inner edge. The outer ring of the seal contains the text "De La Salle University - Dasmariñas" and "Dasmariñas, Cavite, Philippines" separated by small circles. At the bottom of the seal, it says "Since 1977".

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

**Cenas, Venstin John Q.
Flores, John Carlo R.
Ricafrente, Mark Ronald A.**

September 2010

ABSTRACT

The proposed system entitled Online Sales and Inventory System for Hapihomes Finiture Incorporated is design to replace the current manual system of the said company. The study covers the existing system of the company which is manually conducted. The proponents gathered information by conducting a series of interviews and observation on the company.

The proposed system will be based on the data that has been gathered in the company and the system is designed only for Hapihomes Finiture Incorporated. It is uploaded online and has its own domain name. The proposed system will have a username and password for security of the customers and also for the users. The proponents will put several features for the customers to enjoy shopping online. The system can provide product image, description and price about each product to be displayed on the online sales. Accessibility of the users through the system is based on the level of the position in the company.

The system will also use database as its main storage of files and information. The proposed system ensures that the files will be organized. Then the system can generate reports like sales and inventory in real-time. The system can also suggest purchased order for the manufacturer or supplier.

TABLE OF CONTENTS

Approval Sheet

Certification

Acknowledgement

Abstract

1.0 Introduction

1.1 Background of the Study	1
1.2 Statement of the Research Problem	3
1.3 Statement of the Study	
1.3.1 General Objective	4
1.3.2 Specific Objectives	4
1.4 Significance of the Study	5
1.5 Scope and Limitation of the Study	6
1.6 Methodology	8

2.0 Review of Related Literature

3.0 Theoretical Framework

3.1 Statement of Assumption	18
3.2 Operational Definition	
3.2.1 Definition of Terms	18
3.2.2 Definition of Processes	19
3.3 Theories Used in the Study	20

4.0 The Existing System

4.1 Description of the System	24
4.2 Definition of the Data Capture	25
4.3 Inputs	29
4.4 Processes	30
4.5 Files	32
4.6 Outputs	33
4.7 Data Flow Diagram	34
4.8 Problem Areas	35

5.0 The Proposed System

5.1 System Overview	36
5.2 System Objectives	37
5.3 Scope	37
5.4 System Justification	38

6.0 The Proposed System

6.1 Inputs	40
6.2 Process	41
6.3 Files	46
6.4 Outputs	49

7.0 Implementation

7.1 Resource Requirements	
7.1.1 Software Requirements	52
7.1.2 Hardware Requirements	52



7.1.3 Human Resource Requirements	53
7.2 Installations Plans	
7.2.1 System Installation	53
7.2.2 Training Plans	53
7.2.3 Conversion Plans	54
7.2.4 Testing	54
8.0 The Proposed System	
8.1 Conclusion	55
8.2 Recommendations	56
Bibliography	
Appendices	
Appendix A: Context Diagram of Existing System	
Appendix B: Context Diagram of Proposed System	
Appendix C: Entity Relationship Diagram	
Appendix D: Normalization	
Appendix E: Sample Forms and Reports	
Appendix F: Screen Shoots	