ONLINE SALES AND INVENTORY SYSTEM FOR SUPERSTOREASIA

An Undergraduate Research Proposal Presented to

the Computer Studies Department

College of Science

De La Salle University – Dasmarinas

In Partial Fulfillment of the Requirements for the

Degree of Bachelor of Science in

Computer Science

Africa, Debbie V.

Arrieta, John Lawrence N.

Benedicto, Mark Abriel M.

October 2011

Abstract

The purpose of this study is for the development of online sales and inventory system for SuperStoreAsia. The proponents conducted a study on the existing system used by the company and researched all the possible requirements to develop the proposed system. Thru this, SuperStoreAsia will no longer have a hard time on transacting with their customers and the company will no longer use manual works such as computations and tracking orders. The proponents used Microsoft Visual Studio 2010, ASP.Net-C# and MySQL database in developing the system. They have a time table wherein the development of the system was divided into modules so that they will not feel pressured and face anomalies on doing the system. The proponents learned thoroughly the function on how an online sales and inventory works to develop their programming and documentation skills. Because of that, the proponents developed a flawless system for the benefit of SuperStoreAsia.

TABLE OF CONTENTS

Title Page

Approval Sheet

Certification

Acknowledgement

Abstract

1.0 INTRODUCTION

1.1 Background of the Study 1

1.2 Statement of the Problem 2

1.3 Statement of the Objectives

1.3.1 General Objectives 3

1.3.2 Specific Objectives 4

1.4 Significance of the Study 4

1.5 Scope and Limitations of the Study 5

1.6 Methodology of the Study 6

2.0 REVIEW OF RELATED LITERATURE 12

3.0 THEORETICAL FRAMEWORK

3.1 Statement of Assumptions 19

3.2 Operational Definitions

3.2.1 Definition of Terms 20

3.2.2 Definition of Processes 21

3.3 Theories Used in the Study 23

4.0 THE EXISTING SYSTEM

4.1 Description of the System 28

4.2 Inputs 29

4.3 Processes 30

4.4 Files 33

4.5 Outputs 34

4.6 Data Flow Diagram 37

4.7 Problem Areas 37

5.0 THE PROPOSED SYSTEM

5.1 System Overview 38

5.2 System Objectives 39

5.3 Scope of the System 39

5.4 System Justification 41

6.0 DESIGN

6.1 Inputs 42

6.2 Processes 43

6.3 Files 48

6.4 Outputs 52

AKLATANG EMILIO AGUINALDO - INFORMATION RESOURCE CENTER
De La Salle University-Dasmariñas • Since 1977 • Dasmariñas, Cavite, Philippines

7.0 IMPLEMENTATION

7.1 Resource Requirements

7.1.1 Software Requirements 54

7.1.2 Hardware Requirements 54

7.1.3 Human Resource Requirements 55

7.2 Installation Plans

7.2.1 System Installation 55

7.2.2 Training Plans 55

7.2.3 Conversion Plans 56

7.2.4 Testing 56

8.0 CONCLUSIONS AND RECOMMENDATION 58

Appendices

Bibliography

Curriculum Vitae

AKLATANG EMILIO AGUINALDO - INFORMATION RESOURCE CENTER
De La Salle University-Dasmariñas • Since 1977 • Dasmariñas, Cavite, Philippines