



De La Salle University – Dasmariñas

Online Sales and Inventory System

For De Oro Therapeutic Center

A Project Proposal

Presented to

College of Science

De La Salle University – Dasmariñas

In Partial Fulfillment of the Requirements for the

Degree of Bachelor of Science in

Information Technology

Andres, Meljoyce G.

Baldoza Jr., Arlito T.

Mendoza, Rizza M.

September 2010



ABSTRACT

The proponents of this study are proposing an Online Sales and Inventory System for De Oro Therapeutic Center which will contain modules for sales, inventory, and reports generation aiming to solve the problems currently faced by the company.

In the aspect of sales, the online shop module of the system will cover online product inquiries, online cart system, and online payment through a dummy credit card system. It will also include the delivery of the ordered products nationwide and charging of additional shipment and delivery fees. Terms and conditions will also be included stating the policies for shopping, delivery and return/exchange of selected product items. It will also incorporate LBC policy charges for delivery being the official product carrier of the company. Official receipts and proof of purchase for delivery acceptance will also be generated by this module. For the on-the-counter shop module, features on selling of products to walk-in customers will be included. On-the-counter official receipts will also be generated by this module.

On the other hand, the inventory module will consist of monitoring of products stock, ordering of supplies from the supplier, and distribution of stock from the main branch warehouse to the store branches. Adding, updating and deleting of stock, products, categories and branches will also be under the inventory module, as well as viewing the critical level of products. Disposal of expired products will also be under this module.



De La Salle University – Dasmariñas

For the reports generation, each store branch has the capacity to print inventory reports, sales report and stock order requests to the main branch via the on-the-counter shop. For the administrator side, reports such as daily, weekly, monthly and yearly sales as well as inventory reports will also be generated.





TABLE OF CONTENTS

| | |
|--|------------|
| Title Page..... | i |
| Approval Sheet..... | ii |
| Acknowledgment..... | iii |
| Abstract..... | iv |
| Table of Contents..... | v |
| I. Introduction | |
| 1.1 Background of the Study | 1 |
| 1.2 Statement of the Research Problem..... | 3 |
| 1.3 Statement of Objectives..... | 4 |
| 1.3.1 General Objective | |
| 1.3.2 Specific Objectives | |
| 1.4 Significance of the Study..... | 5 |
| 1.5 Scope and Limitation of the Study..... | 6 |
| 1.6 Methodology of the Study..... | 8 |
| II. Review of Related Literature | |
| 2.1 Local Literature..... | 12 |
| 2.2 Foreign Literature..... | 14 |



| | |
|-------------------------------------|----|
| III. Theoretical Framework | |
| 3.1 Statement of Assumptions..... | 17 |
| 3.2 Operational Definition | |
| 3.2.1 Definition of Terms | |
| 3.2.2 Definition of Processes..... | 18 |
| 3.3 Theories used in the study..... | 19 |
| IV. The Existing System | |
| 4.1 Description of the System..... | 23 |
| 4.2 Definition of Data Capture..... | 25 |
| 4.3 Inputs..... | 26 |
| 4.4 Processes..... | 27 |
| 4.5 Files..... | 32 |
| 4.6 Outputs..... | 33 |
| 4.7 Data Flow Diagram..... | 34 |
| 4.8 Problem Areas..... | 35 |
| V. The Proposed System | |
| 5.1 System Overview..... | 36 |
| 5.2 System Objectives..... | 39 |
| 5.3 Scope..... | 40 |
| 5.4 System Justification..... | 41 |



| | |
|--|----|
| VI. Design | |
| 6.1 Inputs..... | 42 |
| 6.2 Process..... | 44 |
| 6.3 Files..... | 48 |
| 6.4 Outputs..... | 54 |
| VII. Implementation | |
| 7.1 Resource Requirements | 59 |
| 7.1.1 Software Requirements | |
| 7.1.2 Hardware Requirements | |
| 7.1.3 Human Resource Requirements | |
| 7.2 Installation Process..... | 60 |
| 7.2.1 System Installation | |
| 7.2.2 Training Plans | |
| 7.2.3 Conversion Plans | |
| 7.2.4 Testing | |
| VIII. Conclusions and Recommendations..... | 62 |
| Appendices | |
| Bibliography | |