The Development of an Automated Inventory System for Land Bank of the Philippines (Almanza Branch) ISLBA

A Special Problem
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

by

Galias, Marie Iris R.
Sayaman, Remus V.
Parrilla, Raymond Ryan M.

Rosanna A. Esquivel
Adviser

March 2001

Abstract

The theories and concepts being the basis and reference of this study led to the development of an Automated Inventory System for Land Bank (Almanza Branch). The design and the actual system were made possible through the application of the theories. Designing the system is significant in providing solutions to the problems encountered by Land Bank (Almanza Branch). The design, analysis and implementation were documented for the purpose of giving the intended users a guide and reference regarding the proposed system.

The proponents have agreed to use the Spiral Methodology in the study. The Spiral Methodology is a very efficient and beneficial method of developing any form of studies. It is also used to categorize and control the various activities required to develop and maintain the proposed system. Since the proponents proposed an Automated Inventory System, the verification process plays a vital role as the system development progresses. Through the verification process the system developers and the users will have a chance to agree upon the specifications and requirements that might have been overlooked but noticed on the later process involved. Thus, the intended user must be satisfied and the system will be a big help for the bank.

The developed Automated Inventory System acts as a guide for viewing the stocks availability and maintaining the systematic way of handling every transaction or requisition regarding the Inventory System. The proposed system will provide different functions such as the Stock List Transaction, Form List Transaction, File Maintenance, Suppliers Menu, Critical Menu, and Generation of Reports. Updating the Stock Card is no longer done manually, but instead it is done automatically using the proposed system. It also provides several benefits on the report generation and monitoring of stocks enabling the Land Bank (Almanza Branch) to experience ease in handling their jobs. As a whole, an efficient Automated Inventory System for the Property Supplies Department will give the entire Bank an effective and reliable tracking of the Banks materials. Moreover, the use of such Automated Inventory System allows the Bank to gain a competitive edge and set an institutional standard.

List of Appendices

List of Figures

List of Tables

Table of Contents