

DASMARIÑAS PUBLIC LIBRARY COMPUTERIZED LIBRARY INFORMATION SYSTEM

80110

An Undergraduate Research Presented to The Faculty of Computer Science Department De La Salle University - Dasmariñas Dasmarifias, Cavite

In Partial Fulfillment of the Requirements of the Degree Bachelor of Science In Computer Science

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March, 2002



Abstract

Dasmariñas Public Library has been using a manual system ever since it started. As the growing number of members and books increases in the library, transactions are becoming more tedious which becomes a problem. This problem is the concern the proponents have taken up. The proponents had analyzed and examined the existing system (manual system) of Dasmariñas Public Library and were able to find solutions and develop a system designed to meet the identified needs and requirements of the public library. This research project aimed to introduce a computerized library system for the Dasmariñas Public Library.

This new computerized library information system concentrated on the task of the librarian. The system task includes a security feature using a password, a database for adding book and member list, capable of searching encoded book and member numbers to read both book and member information needed for a borrowing or returning process, an automated borrowing and returning scheme, updating records of the book transacted in the library for periodic reports, capable of printing reports, and assess book fines. The librarian and the proponents are those who can access the system. In this way, records would be kept confined.

Using Visual Basic version 6 with the aid of Microsoft Access developed the computerized library information system. The proponents were able to create a database for easy retrieval and modification of data. The Graphical User Interface (GUI) of the system is made straightforward and very efficient in understanding the system.



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