De La Salle University – Dasmariñas

ABSTRACT

Blessed Mary Academy (BMA) has plenty of students to render their services in providing reliable information and good education, and because of their expanding number of students, they had the need for establishing a library. They started to have one, and the library was called Blessed Mary Academy Library. They started all the necessary steps and organized the necessary books for the library through the help of Mrs. Angelita Mercado, their librarian.

A manual system was implemented and used in all the activities and transactions in the library but there comes a time when problems occurred in their system. The whole process of transaction concerning the borrowing/returning system and compiling records takes too much time; and search mechanism cannot be found in their manual system.

The team has explored some possible solutions. First, is to gather some data and sample reports that will determine the inconstancies and errors of the library. Another alternative is that the team must identify the problems the corporation encounters on their current manual system by interviewing the people concerned in all the library's transactions. The last alternative is to propose a new and customized automated system suited for all the needs of Blessed Mary Academy Library.

The last alternative named *Blessed Mary Academy- Book Borrowing and Information System* (BMA-BBIS) has been proposed to improve the book borrowing and information system of Blessed Mary Academy Library. Through this proposed automated system, they can access the information and transactions they need about the borrowing process easily and without consuming much of their time. A search mechanism is made for easier access. In updating their records, they can do and accomplish it without much time consumption unlike before when they had suffered too much pressure on manual jobs. The proposed system also covers all the records of each borrower, monitor their transactions, and generate reports for a particular transaction. The proposed system may not be applicable to other library because the problems may be different to other libraries, and the system will be done only for the said library.