De La Salle University – Dasmariñas

Carmelite's Pharmacy Inventory System

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ABSTRACT

Carmelite's Pharmacy is business owned by Mr. Manuelito A. de Castro. For the past years his he was able to establish four branches, which are located in various areas of Cavite. Of course, the number of customer increased, and with it, the surplus of supplies.

In the existing system, it has been determined that problems are encountered. The use of manual system in organizing and keeping track of their supplies are inefficient and inaccurate. This causes the delay of transactions and reports, and is also was prone to data loss.

There is also low level of security, because of open accessibility to confidential reports and documents.

The system programmers propose the construction of a system due to these things. A good foundation was given towards conceptualization and implementation of an automated system, which will handle inventory system and thus will solve the problem mentioned.

The approach was made through investigation from the main office/warehouse down to their several branches. The system programmer has to point out however, that in this case the focus is centralized solely on the warehouse only.

The program will be able to accept and retrieve an up-to-date database containing product information, quantity and description of each of the items at hand, The program will accept product from supplier that are newly delivered and also will be able to search for a specific product if it is not available. It generates report such as sales report , inventory report and order report. The integrity of the database will be kept safe by a security feature that will be included in the system.

This study will show the true creation of the new system and the whole process will increase speed, arranging, calculating and organizing of any transaction.

By using Visual Basic for the program, Microsoft Access for the database and crystal report for the printing, the development of inventory system for Carmelites pharmacy will be made accordingly to its format. Once the system turned out to be successful during the testing part of the System Development Cycle, it will be implemented and hopefully will serve the business it is made for properly.