De La Salle University - Dasmariñas

Abad Supermarket Inventory System
ASIS

NOTE

A Special Problem
Presented to
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ABSTRACT

The Abad Supermarket Inventory System (ASIS) is developed to provide a systematic procedure for reordering and allocation processing of supplies for Abad Supermarket Warehouse. It supports the concept of inventory management, that emphasizes planning to avoid sudden stockouts, frauds and theft. The ASIS intends to satisfy the basic needs associated with the daily activities in the receiving and releasing section, such as report generation, recording and other requisites. In larger volumes ,much shorter time span and a lot more processing accuracy than a manual system. In addition, this new system would minimize errors, ease workload and boost the morale of the personnel. This project tries to provide the section with a computerized inventory system that would simulate its functions and provide additional function with more speed, accuracy and efficiency.

The researchers proceeded with the system investigation and analysis of the section's existing system and found out that the section has problems that are inherent in manual system such as delays in reporting, voluminous files, difficulty in managing the files, slow processing speed, abundance of error and more. The researchers found out that computerization system would indeed lessen if not eliminate the problems and would enhance the efficiency of the section, therefore the design of Abad Supermarket Inventory System was recommended.

The research methodology that the researchers use is the spiral methodology, becase it requires feed back from each phase of development. The proponents can easily point out if there are error encountered that need to be corrected.

This study would be beneficial for the receiving and releasing section of Abad Supermarket Warehouse, especially for the clerks who would greatly benefit by easing their workloads and the manager for easy monitoring of supplies available in the stockroom.