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FOUR-STEPS GROCERY INVENTORY SYSTEM

An Undergraduate Special Problem

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The Faculty of Computer Science Department

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Dasmariñas, Cavite

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ABSTRACT

The Four Steps Inventory System is developed to provide a systematic procedure for receiving, releasing, and adjusting of supplies for Four Steps Grocery (Warehouse Department). It supports the concept of Inventory Management, which emphasizes planning to avoid sudden stock outs, frauds and theft. The system intends to satisfy and provide the basic needs of Four Steps Grocery which include report generation and tracking all the transactions as well as record management. The new System would definitely minimize errors and ease workloads. This will also simulate the functions of the system and provide additional functions with more speed, accuracy and efficiency.

Through System investigation and analysis, the proponents found out that many problems occur with the manual system such as delays in producing reports, voluminous files, difficulty in managing the files, slow processing speed and abundance of error. The proponents found out that a computerized Inventory system would indeed be lessened, if not eliminate the problems and would ensure the efficiency, hence the Design of Four Steps Inventory System. To be able to come up with an effective system, the proponents used the spiral method that will satisfy the needs of the company. The proponents also considered this method because of its being relatively inexpensive and quick to build although there are some risk. The proponents used Microsoft Visual Basic 6, MS Access and Crystal Reports in building this system since these are all object-oriented languages and very easy to use.

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List of Sample Reports

- Inventory Report
- Transaction Report
- Product Inquiry Report
- List of Products Report
- List of Supplier Report