De La Salle University - Dasmariñas

Nang San Hardware and Construction Supply Inventory Control System
NSHCS - ICS

An Undergraduate Special Problem
Presented to
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by

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CHAPTER 9
Conclusion and Recommendation

Conclusion

The theories and concepts, being the basis and reference of this study led to the development of a computer – based management information system, inventory control system to be specific. The theories made possible the design and the actual system itself as the said theories were applied. The systems design was build for the purpose of giving solutions to the problems encountered by the Properties Department of De La Salle University – Dasmariñas. The design, analysis and implementation were documented for the purpose of giving the intended users a guide and reference regarding the proposed system.

Spiral Methodology, used by the proponents of the study, for sure was an efficient and beneficial method. Its suitability to the system developed was the primary reason why it was chosen among other models. Since the proponents proposed an Inventory System, the verification process played a vital role as the system development progressed. The verification process allowed the system developer and the intended users to have the chance to agree upon the specifications and requirements that might have been overlooked but noticed on the later processes involved. Thus, modifications were be made satisfying the user and learning the cost of the system development.

The language used for the development of the Inventory Control System was Visual Basic 5.0, a language that has proven itself as efficient object – oriented language that could be use with facility and ease. The proponents of the study came up with such conclusions since during the system development stage, many Visual Basic functions were discovered useful in coming up with the system. The Help topics is the said language was indeed useful in finding solutions to the errors committed and coming up with the right output.

In the existing system, manual and file approaches were the methods used thus, several disadvantages and problems are encountered. With the use of the automated Inventory Control System, the information on the vital transactions are computerized and stored on their respective databases The system will used computers that are merely used for encoding database for selected records and printing purposes.

With a click on the button specified, the function needed for transactions are made available and usable with ease. Thus, the processing of transaction is faster.

The automated product inventory acts as a guide for viewing the product's availability or maintaining the reorder level enabling and helping the company in making the decision whether there is

already a need to order a specific product. Aside from that, the benefit of the computerized product inventory results to on – line processing whereby for every transaction, may it be receiving or releasing, a computer manipulated posting of products specified adds or subtracts the quantity from the product balance. Upon the encoding if the form's contents, instead of computing the net price, the system provides and computes for the said data as based on the quantity and unit price, therefor the risk of committing errors are minimized.

The amounts used for printing reports such as Sales Reports, Product Summary, Transfer – In, Transfer - Out and Receiving Reports are made cheaper through the use of the suggested options for the form's structure and paper.

The Inventory Control System, for sure, does provide several benefits on the report generation, transaction processing, and monitoring of products enabling the different departments of Nang San to experience ease in handling their jobs. Despite that fact, it must be consider that human interaction; interventions and manipulation of the system perform vital roles for the system to succeed. Computers are merely used to maximize and extend the ability of man to perform the task but never as a substitute. Therefore, it must be noted that without manpower, systems such as the Inventory Control System would be useless. After all, man made computers.

Recommendation

In coming up with a system, stimulate and focus mind to come up with the specifications using the tools available. Always take initiative and be inquisitive, as mistakes are committed and consider them as challenges and not as barriers. It is also a must for a researcher to be wise enough to have a back up of the project as precautionary measures for unexpected circumstances that might occur. Asking questions from the experts or those people knowledgeable of the topic would be beneficial serving as a source of knowledge to things encountered yet unknown to the person yet the diligence to work and find solutions would really depend on the person.

For the proper implementation and greater benefits from Nang San Hardware and Construction Supply, the proponents of the study do recommend a local area network environment to enable the transaction processing be done at the same time as well as that of the report generation. It allows access to data from server to data sharing.

Aside from this, the usage of hardware components, with maximize capabilities would make faster transaction processing. And larger random access memory would provide more space for data that needs to be stored and back – up creation be allowed through the appropriate storage medium

which could be better if hard disk to hard disk back — up shall be implemented for protection of data from unauthorized person.

Furthermore, the usage of bar codes or PLU () for the products would make the inventory much precise, updated and accurate. The usage of bar code readers or scanners could lessen human errors committed and make the posting task easier to perform.