

POINT OF SALES SYSTEM FOR DRUGSTORE



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Abstract

The goal of the research project is to develop an automated point of sales system for Drugstore. The system will monitor the inventories and transactions of the drugstore. Diagrams such as Use case and Activity are used to furthermore explain the system function. Microsoft Visual Basic 2010 as the software platform and the tools used were Microsoft Access 2010 and Photoshop CS6 for the system interface. The survey questionnaire, in-depth analysis, consultation, local and foreign researches had been done to determine the system features and applications. System end-users evaluated the efficiency and effectiveness of the system. Fact-finding instruments such as interviewing and observation were applied to determine the requirements of the desired application. Questionnaires were used for measuring the efficiency of the system as evaluated by the end-users. Results of the evaluation on the system were based on ISO 9126 standard which showed that the criteria on functionality ranked as the highest, followed by the reliability and usability, criteria for efficiency, and lastly criteria for the maintainability and portability of the system ranks as the lowest.

The result of the evaluation of the Point of Sales System for Drugstore showed that the developed system has an automated inventory and monitoring of sales, stocks, and transactions of the drugstore. Therefore, the researcher highly recommends that the system is recommended for implementation on any Drugstore accompanied with the following suggestions: System installation on a computer and two to three days of training and changeover method for the users. Point of Sales System Drugstore is a solution on the manual operation and gives benefits on the present and employees of drugstore to further monitor the sales and transactions. Developing an effective system is one of the vital roles of Information Technology in society.

Keywords:

Drugstore, point of sales, System, Inventory

