

ABSTRACT

This system presents an analysis and design of the Aluminum Inventory System of Kitrungruang Co., Ltd. This system is developed to solve the problem of keeping track of the inventory in warehouse of the marketing department. The objective of this project is to ease the user with the checking customer, supplier and product in warehouse.

The study of this project begins with the required definition and analysis of the existing system. The problem occurring from the existing system are inadequate to handle many volumes of inventory and there are too many errors in manual operations. The project covers the system analysis and design of ordering process, checking stock process, and purchasing process. The results of the system have demonstrated the process of existing system in various forms such as context diagram, data flow diagrams, etc. the new computerized system will be designed to reduce time-consuming and errors occurring, while providing the better control over the process and management decision making. The user-friendly and easily maintenance of the system must be provided. The new system is implemented in Microsoft Access programming and in user interface technology.

The outputs of the new system will reach the target of efficiency inventory tracking system. To apply the computerized system to business functions in term of time, accuracy, and relevant information, the company would be able to increase sales, gain market share, and complete with the other competitors.