

ABSTRACT

This project covers the analysis, design, and implementation of an information system for S.A.S. Rubber Product Co., Ltd. The scope of the project covers the part of production and its related activities.

The current existing system is based on the manual and some computerized systems. Most of the data are stored on paper, while some parts are kept in the Microsoft Word, and stored in the hard disk of personal computer. It requires many operating staffs to maintain the system, and has to face the general problems of manual system, which are error-prone and having a high maintenance cost.

The computer system is to be designed for the production process system of S.A.S. Rubber Product Co., Ltd. which manufactures and exports latex examination gloves for medical use and general purpose. The project begins by analyzing the existing system and then designing the new computer system to meet expectation and the requirements of the users. The new system will give up-to-date information for order number, customer details, raw material and chemical compound stock, product information and stock. The computer system is to provide on-line reliable information that helps to reduce high risks in production process. The system will provide the productive, effectiveness, and efficiency for the production control and produce needed reports for department.

The new proposed system then will be developed to replace the manual and some computerized information system with the Computerized System. All data are kept in the database server, Microsoft Access 7.0 Server Extension. It will reduce the number of administrative staffs, solve the problem of manual system and decrease the high maintenance cost.