ABSTRACT

THE DEVELOPMENT OF SUPPLY CHAIN MANAGEMENT INFORMATION SYSTEM AT PT. SANOH INDONESIA

by
AJAT SUDRAJAT
10107665

PT. Sanoh Indonesia is a manufacturing company engaged in the manufacture of spare parts. In the business process purchase order from customer and purchase order to the supplier sent via facsimile or email. Each data of ordering products or raw materials will be input and stored in the form of an excel file, this makes the work load and time to be doubled. One other problem is related to the raw materials to meet production needs, ordering raw materials to suppliers who have a long time to wait even reach a week, between ordering materials acceptable to the company. For that reason, it is often a shortage of raw materials or raw materials was late because the amount of raw materials ordered can not be predicted with certainty during the run stock or otherwise. Running out of or excess stock arises because the production process to meet customer demand can not be predicted with certainty because customers sometimes order more product than usual or vice versa, so its difficult to determine how much material should be prepared to meet the needs of product supply. To overcome the above problems then it will be built supply chain management information systems at PT. Sanoh Indonesia.

Model of software development using waterfall method, whereas for data modeling using structured method, namely Entity Relationship Diagram (ERD) to describe the data model and the Data Flow Diagram (DFD) to describe the functional model, Flow map to describe the flow of documents in the manual system currently.

By Supply Chain Management system, PT. Sanoh Indonesia could cooperate with it business partners, in this case are the suppliers who supply all goods of company needs in various forms and the customers who buy products whereas the process flow of delivery shorten and by integrated in web system provide additional functionality as sales media as well as of it main function as an information system.

Keywords: Supply Chain Management, Information Systems, Technology, Web