

ABSTRACT

Inventories at every company has a relationship with the process of buying and selling process. In the process of buying and selling can be done by cash or credit. Not many companies that make the process of buying and selling with a computerized information system, but there are still many companies that still use manual recording system or using excel. No exception to the cooperative that has many members who have savings in each of its members. The problems faced by the company is still manual that transactions are recorded manually by checking the goods in the warehouse and the data recap on a piece of paper, so that the recording file is saved too much and should look for the files one by one when they wanted to do the calculation. Likewise, the activities of buying and selling, recording is done manually, which record every transaction on the sales invoice and perform calculations recap of sales, using the calculator so that data transactions recorded less accurate, the owner also can not determine the amount of product inventory directly when it is not at the store, an error in adding data, and the difficulty in finding the total member savings due to the cooperative has members which are numerous. With the applications that can integrate the process of purchasing, inventory, and sales, Koperasi Syariah Baitul Muttaqin can perform transaction processing and reporting with ease. The functionality is handled by the application is to manage the purchase, manage cash sales, credit sales management, and sales management member that reduces savings balances, manage journals, corporate reports, and manage sales charts. Applications to be made is by using a web-based PHP programming language and MySQL database as well as for manufacturing system design using Data Flow Diagrams (DFD) and for database design using Entity Relationship Diagram (ERD). The reason making this application is to meet the data processing needs of the administrative side of operations. For that, they need applications that can integrate these three processes, and can record the journals, ledgers, making purchasing reports, sales reports, income statements, and make sales charts aimed at can be controlled by either any transactions carried out, and can be controlled anywhere.

Keywords: Purchasing, Inventory, Sales, MySQL, FIFO.