ABSTRACT

Nowadays, The development of information system requires the company to improve the quality of services to the community, Due to this fact, tt is required information system that can facilitate the company in obtaining all the needed information. It accurs in ALPA SPAREPART - a company which requires the fastest information system in gaining inventory information, purchasing and selling of goods, and company report previewing. Therefore, it needs to be made an information system that can facilitate that works. Regarding to this fact, the writer plans to design the inventory of information system based on client-server through this company. Thus, this system can contribute to the fastest selling and purchasing procceses, and to simplify all the works in ALPA SPAREPART that have integrated by client-server.

The method used is method System Development Life Cycle (SDLC), with tools model used is Flowmap, Diagram Context, Data Flow Diagrams (DFD), Normalization, Entity Relationship Diagram (ERD). This Inventory of Information System was built using Visual Basic 6 (VB6) as the front end, and SQL Server as back end.

The applications used is multi-user, with based on Client-Server applications. Concerning to that matter, the usage of this application can reduce the failure and can advance the managing of inventory data.

Keywords: Information Systems, Inventory of Information System, Client-Server