

AN IMPLEMENTATION OF TCP/IP CLIENT-SERVER POINT OF SALES AND INVENTORY CONTROL SYSTEM

Prepared by: Yuka Candrawira

ABSTRACT

The POS system is known as system to register each purchase details from customer and to keep track inventory and stored into database which will be use for data mining. Mostly POS system will be used by market, retailer shop, restaurant or cafeteria etc. major POS problem will be transferring data from one location to different location especially from company which has many branches in different location. Because most of their databases is placed in the server and share their database locally and when the HQ need to transfer in/out some of the inventory from/to branch in the different location. They will need to reentry detail again from the stick in/out transaction. These will waste the time to reentry again. This project will help solve their daily business problem by provided the data transfer feature into system which all the data that HQ need to send to/received from branch will be uploaded into WAN and can be updated to database without reentry again and allow HQ to keep track of branches sales. Besides that, this project is supported with centralized database through LAN and will also provided the complete system management reports that allow the client to analyst their business sales plus with dynamic system setting which will support client business rule, stock check entry and other common POS system feature such as cash register, stock in/out, etc.