

ABSTRACT

The fast growing of Information Technology these days resulting in change of many aspect of human live, from education, Health, Social Economi to entertainment. Some of the application that use in industry are Production Record System ,inventory control and cost price a fatory that had been applied in PT Plasindo Jayasakti Palembang. PT Plasindo Jayasakti Palembang is a plactic sack company that still using manual data procesing. That creat some dificulty. Making it hard to do report checking, raw material checking and inventory checking. In this reaserch the reasercher have designed and build an application system to porcess the inventory data. The paradigm used to design and build the system is Waterfall model. The current stage of analysis is bussines process and demand analysis in the form of acces control list, fuctional requirment, ERD and DFD system. The system design stage is in a form of data tablet and interface designing that will be applied in the field. Production record system, Inventory control and cost price are build using Microsoft Visual Basic as programing language with Microsoft SQL Server 2000 database. Whit Production record system, Inventory control and Cost price, PT Plasindo Jayasakti Palembang will be much more effective and efficient.

Key words: Production record, Inventory control & cost price calculation, Waterfall model, Database