ABSTRACT

The fast growing of Information Technology these days resulting in change of many aspect of human live, from education, Health, Social Economy to entertainment. Some of the application that use in industry are Production Record System, inventory control and cost price a factory that had been applied in PT Plasindo Jayasakti Palembang. PT Plasindo Jayasakti Palembang is a plastic sack company that still using manual data processing. That create some difficulty. Making it hard to do report checking, raw material checking and inventory checking. In this research the researcher have designed and build an application system to process the inventory data. The paradigm used to design and build the system is Waterfall model. The current stage of analysis is business process and demand analysis in the form of access control list, functional requirement, ERD and DFD system. The system design stage is in a form of data table 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 programming language with Microsoft SQL Server 2000 database. With 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