ABSTRACT

Orange Button Kids is a manufacturing company that produces children's clothing. In carrying out the process, the problem presented by this company is the calculation of the amount of material used in the manufacture of children's clothing that is less in line with the condition of the company. From the poverty, the need for planning and purchasing management of raw materials to fit the needs of production. The production process is done by order and mass production or making stock. Production is an activity that can process raw materials into finished goods. In production will result in the cost of production. Cost of production is the result of calculation of raw material cost, direct labor cost and factory overhead cost. Companies sometimes set prices according to customer decisions or on a no-cost basis such as raw material costs, direct labor costs, and factory overhead costs in the production process. Therefore, to make the necessary solutions to calculate the costs that are computerized and can generate various financial statements, ledgers, and inflation and generate a report on the cost of production. This app can also help to assist in production. The design used in making this system is by using methods Prototyping and Unified Modeling Language in the form of use case diagrams, activity diagrams, class diagrams and sequence diagrams. This application is made with PHP programming language and using the codeigniter framework. This system can process processes that are still done manually such as recording raw material purchases and production cost calculations, so as to minimize errors made by users.

Keywords: Purchase, Production, Cost of Goods Sold, Web Based Application