

ABSTRACT

CV Yakhin Utama Jaya is one of the manufacturing companies engaged in convection in Bandung. CV Yakhin Utama Jaya is located at Jalan Cigondewah Rahayu Rear No. 22 Bandung City. CV Yakhin Utama Jaya is a company established since 1990 so that this company already has many customers and cooperate with other companies. As a long-established company, CV Yakhin Utama Jaya has some problems in financial recording because the company records all financial transactions manually and only a few transactions are recorded, resulting in a lot of inconsistent data and lots of lost data, various the problem that occurs is the company does not calculate the cost of production in detail so that the data does not match the calculation of the cost of production should be. Therefore, an application is required to calculate the cost of production by the cost of order method which can manage several production transactions such as managing raw material costs, managing raw material purchases, managing defective products, producing journal entries and ledgers, producing price cards the principal of the order, resulting in a report on the cost of production. The application is used by the production department to perform the calculation of cost of goods manufactured by the cost of order method in a certain period, and used by the financial section to input journal and ledger, and generate financial statements. The results of the management of this transaction will be made in the cost of production report. The cost of production report provides information on production costs incurred in CV. Yakhin Utama Jaya in one period. Making this application using waterfall method, to build an application, the required applications are PHP, codeigniter, MySQL. The design used in a system is an Entity Relation Diagram, Use Case Diagram, Activity Diagram, Class Diagram, Sequence Diagram, and BPMN (Business Process Modeling Nation), and Blackbox testing.

Keywords—cost of goods manufactured;
