ABSTRACT

Manufacturing company is a company that performs the production process first to the goods and then sold. The production process will incur costs called production costs. Some companies calculate production costs without using financing methods. The calculation of production costs without the use of methods can result in the cost of products that are not in accordance with actual expenditures that may result in a lack of profits. Based on these problems then made an application to calculate the cost of production. Web-built application using CodeIgniter Framework with SDLC Waterfall modeling and using PHP programming language. This application calculates the cost of production by the cost of order method considering the cost behavior. Cost behavior can help identify costs that are fixed costs and variable costs used when calculating production costs. Testing is done using black box testing and the result according to manual testing. Testing also uses user acceptance testing and succeeds 100%. The method used in the application will produce an actual calculation based on the expenditure used during production. It also simplifies the determination of the order price because the calculation on the application is done using the cost of order method.

Keywords: Job Order Costing, Application, CI Framework, PHP, Cost Behavior