ABSTRACT

Batik Tulis Pusaka Beruang company is a manufacturing company that produces hand-written batik. The calculation of the cost of goods manufactured is very important for this type of company. In the process of calculating the cost of goods manufactured, the company still does the calculations using the estimation method, which results in errors in calculating the cost of goods manufactured and can reduce company profits. To solve the problem an application was built that could make recording and calculation of the cost of goods manufactured more accurately. The calculation of the cost of production in this application using the ABC Costing method. Activity Based Costing is a method of calculating the cost of goods manufactured based on activities or activities. This application can handle the calculation of raw material costs, direct labor costs, overhead costs, cost of goods manufactured, and produce financial reports such as general journals, general ledgers, and cost of goods manufacturing reports. The design process is describing in use-case diagrams, activity diagrams, class diagrams, sequence diagrams, and entity relationship diagrams. This application built by using PHP programming language and MySQL as a database system. The method used in working on this final project is the Software Development Life Cycle (SDLC) method using the prototype method as a development model in building this application. Testing for all functionality using manual testing, application testing, and Black Box Testing method.

Keywords: Application, Cost of Goods manufactured, ABC Costing Method