

ABSTRACT

Purchase of raw materials in the company is done when the stock of raw materials is up. If the process of inventory management of raw materials is not done on the company, may result in a loss due to the purchase of uncontrolled raw materials. Purchase of raw materials can be controlled by the existence of raw material inventory management, one of them by using First In First Out (FIFO) stock card method. This method can be used to minimize the excess purchase. To solve the above problem, an application that has the main functionality of raw materials and inventory management using FIFO method, and presents accounting reports in the form of general journal, ledger, trial balance, stock card, and raw materials inventory summary. Application development using object-oriented method that is Unified Modeling Language (UML), Entity Relationship Diagram (ERD), process specification. The programming languages used are Hypertext Preprocessor (PHP) and MyStructure Query Language (MySQL) database. Testing is done by blackbox testing method. The created application can manage the master data, purchase raw materials, manage raw material inventory, and display accounting reports in the form of general journal, general ledger, trial balance, stock card, and raw materials inventory overview report. With this application purchase of raw materials at the company can be controlled.

Keywords: management, purchasing, inventory, FIFO