

ABSTRACT

Uap Air company is a trading company which operates as a distributor / supplier for industrial equipment to the company that has become its customers. In his office on the Suniaraja Street, there are trade goods storage warehouse, workshop and a showroom if there are customers who want to survey and buy directly to this company. Uap Air company get merchandise from suppliers who have been cooperating with them. Of course, every transaction of goods incoming and outgoing goods (from the process of selling and buying) require the application to manage the process of calculating and recording in accounting standard. The method used there is Perpetual Average method. Development of applications using object-based models that consist of Use case, Activity Diagrams, Class diagrams and sequence diagrams, and using Entity Relationship Diagram (ERD). This application is a web-based using the programming language PHP and MySQL database. Testing was conducted by Blackbox Testing the functionality of the application and the results of testing the application has been as expected. This application is made with the functionality to manage master data, managing the purchase of merchandise inventory, calculate the total inventory, monitor inventory, calculate the value of ending inventory and generate various accounting reports like the journal, general ledger, inventory reports and income statements.

Keywords: Purchasing, Inventory Management, Perpetual Average, Web-Based Applications