ABSTRACT

Currently the computerized information system is important, because it can simplify and accelerate human activities, one of them in calculating inventory of goods in the warehouse. The inventory calculation system in the warehouse using the EOQ, Safety, and Reorder Point computerized methods is built to reduce data input errors and calculations. In making the application using prototype method and Unified Modeling Language (UML) to make system design. Web-based applications are built using the PHP programming language, the CodeIgniter Framework and the MySQL database. Based on testing already done, this application can manage account data, manage supplier data, and manage product data. This application is built to manage sales targets, calculate inventory in the warehouse using eoq method, safety stock, and reorder point, managing sales and purchases

Keywords: EOQ, Safety stock, and Reorder point, sales target, sales, purchasing, PHP, CodeIgniter, MySQL, web-based applications