

ABSTRACT

A trading company is a company whose main activity is selling products or merchandise to customers. However, trading companies do not produce their own goods, but buy them from other companies. After purchasing the goods that will be his wares, the company makes a sale. Sales may occur over an order made by a potential buyer. The order then will be distributed by the seller to the buyer. There are things to consider when processing orders, ie with the amount of inventory that is left unable to meet the number of orders, thus making the process of delay in processing orders that occur in the company. It also makes the distribution process to be unstructured because there is no exact information when an order should be distributed. Based on these problems then built a web-based applications that can perform inventory management for order and distribution of goods. Applications are built with object-oriented methods and the development of prototype models. The application uses the PHP programming language and the CodeIgniter Framework. The functionality contained in this application is to provide a decision in managing the inventory to determine how many orders can be received with the amount of goods availability by determining the delay time order, provide information distribution of goods and provide information residual inventory. Functionality runs after testing black box testing and comparison of manual calculations successfully implemented in accordance with the outcome of the application.

Keywords: Inventory, Orders, Delay Time, Codeigniter Framework