ABSTRACT

PRODUCTION SYSTEM DEVELOPMENT LEATHER JACKETS AT PT INTI JAYA LEATHER

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PT Inti Jaya Leather is the agency company engaged in the garment industry, namely leather jackets. Inventory management system for inventory in an installation of convection is crucial which is inseparable from the production system. Problems are often encountered in terms of supply of raw materials, sometimes insufficient warehouse stock of raw materials needed for the production process due to inaccurate raw material or the data can be said the company does not know the exact amount of raw materials needed in the production process. In addition another problem is the difficulty in determining the schedule of the company ordering raw materials as well as the amount of raw materials to be booked for the period of his following. Of the two problems are not accurate raw materials data is needed and the lack of determination of the schedule and the amount of raw material ordering is very influential to the scheduling of the production process resulting in the production process exceeds the pre-determined schedule.

Planning and control system used in the development of systems tailored to the existing problems, especially on the head of production, controlling supplies groceries using the method for calculating the quantity order ecomomic when and how much of the ordered goods, calculate the reorder point to determine the minimum point of booking again. The process of construction of surveillance system using this inventory methods software development as a waterfall, and the method of data flow systems using structured methods i.e. using DFD in describing the functional model and ERD to describe the data model.

After the test is done in the system then the resulting conclusion of the system of planning and inventory control of these food ingredients which can facilitate The installation of Warehouse of nutrition information in getting supplies of foodstuffs with fast and accurate information and truth indicates that exponential smoothing forecasting method and inventory control with the economic order quantity can facilitate Installation Head of nutrition in planning and controlling the supply of groceries for one period to the next.

Keywords: Planning, Inventory Control, reorder point, Economic Order Quantity