

ABSTRACT

INVENTORY CONTROL APPLICATION WITH ECONOMIC ORDER QUANTITY METHOD (CASE STUDY: CV. BARU PALEMBANG)

By:
Hendri Gunawan
1214013

Inventory is an important thing for a company whose main activity is to sell products to people as because inventory helps to control the sale of the company. Due to the importance of the case of inventory, then there is also a problem in it as the stock is not sufficient demand to the buildup of stocks (Wahyudi, 2015). CV. Baru Palembang as the distributor company that is engaged in the sale of peanuts, green beans, red beans and peanuts require raw materials as sales activities. Problems faced by CV. Baru Palembang is not the stability of the merchandise sold by the number of consumer demand and the number of unsold inventory piling stock experience. To overcome these problems, application inventory control is implemented to determine the number of reservations suggested, frequency order, spacing order, the total cost of supplies and the number of bookings are recommended according to demand. Inventory control applications using Economic Order Quantity which have harmony with the inventory policies applied by the company and be able to know how much raw material should be ordered to supply over stock. This application is built using the programming language Visual Basic.Net and SQL 2012 as the data stockpiles. The results of this study can be used by CV. Baru Palembang to know the recommended number of booking, frequency order, spacing order, the total cost of inventory.

Keywords : *Economic Order Quantity, inventory control applications Waterfall, Visual Basic .NET, SQL 2012*