

## ABSTRACT

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*Home Industry Kerupuk Doa Ibu is a manufacturing company that produces crackers made from starch. Formed 40 years ago, makes Home Industry Kerupuk Doa Ibu did not have inventory management both for raw materials and finished goods. The lack of inventory control can lead to possible losses that will be happen in Home Industry Kerupuk Doa Ibu. Therefore, we need an application to manage the inventory. The method used in inventory control at the Home Industry Kerupuk Doa Ibu is using Economic Production Quantity (EPQ). This method can produce a number of production orders, the frequency of production per year and the total minimum cost to be incurred by the company. In this application provides the accounting records of purchasing report, expense reports, and general ledger. This application is a web-based using the programming language PHP and MYSQL database.*

*Keywords: Inventory, Economic Production Quantity, PHP, MYSQL.*