

## **ABSTRACT**

PT.KBJ is a company engaged in garment manufacturing. Over time, an increase in the production increasingly high. By increased production of the increasingly high, storage manufactured goods are also getting bigger. Based on this, there is a problem in the warehouse, such as recording the number of items that are not accurate, because the recording is done manually which made twice a month. This resulted in the number of items in the warehouse with a note that there occurs difference amount. Besides the lack of data integration, so that sharing of data takes a long time. This resulted make slow decision-making in the company's business activities. Based on the problems found, the warehouse needed an ERP system that can accurately record the number of items, realtime and integrate all data between sections. Thus recording the number of items to be accurate and the system can integrate all data between sections. Then the decision making is done quickly and effectively.

The medium-sized companies do not have a specific budget for investment erp system. So that the implementation of open source erp use applications be the best way. OpenERP is an open source application that is dynamic and easy to do adjustments to the company's needs.

OpenERP module warehouse management can help the problems experienced at the warehouse. This system adjustments with spiral method, whereby if at the beginning the system does not fit with the company, then adjustments are made the next stage so that the system can be suited to the conditions of the company. By adjustments, has many benefits for companies, including recording the number of items automatically based on the incoming document shipment, results in the the production of manufacturing orders. Besides the integration of data items with parts related to the warehouse. So the decision was quickly made.

Keywords: ERP, OpenERP, Warehouse Management, spiral, warehouse.