ABSTRACT

PT Putra Mulya Terang *is a manufacturing company engaged in the textile field .* PT Putera Mulya Terang Indah *owns the building that serves to store the goods.* PT Putera Mulya Terang Indah *warehouse have 4 is thread warehouse, central warehouse, grey warehouse, finished fabric warehouse. PT Putera Mulya Terang Indah's thread warehouse have a process in the end the so-called stock opname. Stock opname is used to check the availability of yarn in the shed, whether the number of threads in the warehouse according to a report from the warehouse division and whether the report sheds in accordance with procurement and purchasing reports reports yarn into production. If you like it, according to a team stock taking should be appropriate. In the process, discovered errors in data reporting thread in and out warehouse. Such errors are data reports on warehouse incompatible with pengandaan and production division.*

Thus do the implementation of an information technology ERP *i.e. Odoo can help problems occurred in a warehouse division of PT Putra Mulya Terang Indah In this research application of information technology ERP implementation Odoo method used to implement the software system. The method used in this research is iterative waterfall, where this method is used for applying the software system in a short time and produces a very high quality.*

The results of this research are systems warehouse based Odoo which has adapted to the needs of warehouse division in PT Putra Mulya Terang Indah, *is expected to help with the problem at the warehouse and facilitate the implementation of the activities of warehouse.*

Keyword: ERP, *Odoo, Module Warehouse, Iterative Waterfall.*