

ABSTRACT

PT Putera Mulya Terang Indah is a national company engaged in the world textile industry, the company was founded in 1988, located on Jl. Rancajigang Majalaya, Bandung regency, West Java. PT Putera Mulya Terang Indah has the largest production capacity of 3 million yards / month which requires companies have a procurement process that is timely. Current conditions, the procurement process is not managed properly, so that the procurement could be delayed. The procurement process is done based on the request of the warehouse departemen and product planning control. This is due, there is no support system in integrating data in real time between procurement departement with warehouse departement or product planning control.

Problems that exist in PT Putera Mulya Terang Indah, companies need an information technology that can solve the current problem. The information technology is the ERP that can help to overcome the problems that occur in departement of procurement PT Putera Mulya Terang Indah. In this study the application of information technology ERP using odoo applications with iterative waterfall methodolgy, this method is used for the design and implementation of applications in the enterprise Odoo.

The results of this study are based Odoo procurement system that has been adapted to the needs of the procurement of goods in PT Putera Mulya Terang Indah, is expected to help with the problems in the procurement of goods and facilitate the procurement process.

Keywords: *PT Putera Mulya Terang Indah, procurement, ERP, Odoo, Purchase Management Module, Iterative Waterfall Methodology*