

ABSTRACT

PT. XYZ is a manufacturing company focused on textiles sector. During its production, the company has the problems in processing customer orders because of the raw materials that required are not available when its needed. So when working with customer orders the company just using based on the availability of raw materials in the warehouse. Because the company still doing the production process in semi-manual, therefore its often occurred that other relevant parties missed the information about the availability of raw materials. In addition, the documents associated with production activities are still written using the paper notes, and production reports stored in the Microsoft Excel which is done only once a month. This leads to the production of documents and production reports cannot be accessed in real-time.

Odoo is one of ERP open source application which provided the solution of production activities in form of manufacturing modules that tends to be dynamic and easy to adapt with the needs of the company. This system is implemented using ASAP (Accelerated SAP) method which was adapted from the implementation of SAP method with some adjustments. ASAP method was chosen based on time efficiency performances and minimum cost comparing to the others method.

Using ERP Manufacturing systems, every activity in the production process can be well-documented and the entire document can be accessed in real-time. Moreover, between the production with the sales area, warehouse, and purchases can be well-integrated.

Keywords : ERP, Odoo, production, manufacturing, ASAP Method