

ABSTRACT

Inglorious Industries is a convection company which produces several types of clothing, located in Bandung, West Java. Since 2010, in the field of convection, this company was part of small and medium micro enterprises category. Inglorious Industries used Make-to-order system, production will be done only when there is an order from customer. But, it has some problems in production operation such as lack of computerized systems that lead to miscommunication between departments, production workflow process is less of controlled so make it running not accordance to the procedures.

Therefore, we need to do the development of information systems to support the activities of production processes in Inglorious Industries. This research was conducted with the development of manufacturing systems using the Accelerated SAP (ASAP). Analysis by conducting library research, observation, and designing the existing system to the proposed business process by configuration and adjustment to the ERP software opensource Odoo, especially Manufacturing, further the system will do testing such as integration between parts, user acceptance test and risk analysis for tackling the risks that will happen.

The result of this study is a system of ERP manufacturing on Odoo that has been adapted with business process that can facilitate company to solve the problems in manufacturing activities at Inglorious Industries.

Keywords: ERP, Make To Order, Manufacturing, Odoo, Accelerated SAP