

ABSTRACT

DESIGN OF GREEN ERP SYSTEM IN MANUFACTURING MODULE BASED ON ODOO FOR INDUSTRIAL GARMENTS USING ASAP METHOD

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CV Indogarment is a clothing industry located in Bandung, West Java. The work system in this company is make to order. The production process that occurs in this company wants to create an environmentally friendly industry, namely in clothing production and the company also wants to create a system that is mutually integrated between other parts, so that this becomes important in the implementation of a green manufacturing system.

In order to be accountable, companies need to implement supply chain management using a green manufacturing system that integrates processes in production activities.

Therefore, it is necessary to design an integrated green manufacturing system using the Accelerated SAP (ASAP) method. This research was conducted with several sessions, namely interviews, observation, analyzing and discussing system design and configuration of module making.

The results of this study are a green ERP system based on Odoo which is integrated and has been adapted to the requirements and needs of the company to overcome difficulties and ease the production process at CV Indogarment.

Keywords: Accelerated SAP (ASAP), ERP Odoo, Green Manufacturing