

## **ABSTRACT**

### **DEVELOPMENT OF THE PRODUCTION ERP GREEN MODULE SYSTEM BASED ON OPEN ERP ODOO IN LEATHER TANNING INDUSTRIES USING ASAP METHOD**

By

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PT. Elco Indonesia Sejahtera is a company engaged in the trade of tanned leather for the production of garments, gloves, and various other leather goods. One of the business processes in this company is the process of selling and distributing goods that have not been well documented. Green Production is one way to reduce pollution through the process of making goods that can support business processes at PT. Elco Indonesia Sejahtera . This study uses the ASAP method which starts from the interview process, followed by observation, and analyzes existing business processes in the company, especially in the production process and analyzes and designs the system by configuring and adjusting the production module. This study uses a system that supports Odoo. The results of this study are an ERP system that is supported by Odoo and has been adapted to the company's business processes that have been redesigned and are expected to facilitate the company in carrying out business process activities, especially production at PT. Elco Indonesia Sejahtera .

**Keywords** : Enterprise Resource Planning (ERP), green manufacturing, open source application, ASAP, production