

ABSTRACT

DEVELOPMENT AND DESIGN OF ERP SYSTEM MODULE GREEN ACCOUNTING BASED ON ODOO IN LEATHER TANNING INDUSTRY USING THE ASAP METHOD (CASE STUDY: PT. ELCO INDONESIA SEJAHTERA)

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PT. ELCO Indonesia Sejahtera is one of the primary industries in Indonesia which are engaged in the choice of leather, to become a garment, leathercraft, and others. Every year PT. ELCO has increased the amount of production, which has increased the amount of industrial waste. Green Supply Chain Management is the integration of the value of Supply Chain Management with Green Environment standardization. One of them is Green Accounting, which is an effort to collect, analyze, assess, and prepare reports, both environmental-related reports and reports related to financial data to go forward to reduce the effects and burdens caused by environmental damage. This research aims to produce a system for developing the Enterprise Resource Planning module for Green Accounting based on Odoo in the leather tanning industry using the Accelerated SAP method. This research began with any System Requirements that are compatible with enterprise resource planning and green accounting in the company, then system design is made. The results of this research are application products in the form of integrated systems using Open Source Software named Odoo that tailored to the needs of the company through blackbox testing standards.

Keywords: Green Supply Chain Management, Supply Chain Management, Green Accounting, Enterprise Resource Planning, Accelerated SAP, System Requirements, Odoo, Blackbox.