

ABSTRACT

DEVELOPMENT OF THE ERP SYSTEM OF GREEN PROCUREMENT MODULE BASED ON ODOO FOR LEATHER TANNING INDUSTRY USING ASAP METHOD

By

BERLIANTO PARLINGGOMAN SARAGIH

1202150016

PT. Elco is a company engaged in the leather tanning industry. The results of the production process of PT. Elco are garments, gloves and other leather crafts. Every year PT. Elco has experienced a significant increase in production. The rapid increase in production has caused problems in the selection of raw materials used by PT. Elco in producing an environmentally friendly company product. Errors in choosing raw materials include, among others, expired raw materials, wrong ordering of raw materials and also those raw materials that have not been environmentally friendly standards. These errors are caused by systems that have not been able to integrate with other systems. As a result of choosing the wrong raw material, the production waste will also increase along with the increase in production. Therefore this study aims to implement the OpenSource ERP application with a green procurement module at PT. Elco. The results of this study are in the form of the Odoo green procurement module system which can be integrated with other systems through blackbox testing standards.

Keywords : ERP, ASAP, Odoo, Green Procurement