

ABSTRACT

MSMEs in Indonesia play an important role in supporting economic growth. One of the largest sectors is the processing industry, which spreads across various regions, including Sukaregang, Garut, one of Indonesia's leather processing centers. However, the increase in leather processing production also impacts environmental pollution problems that need to be a concern for producers. PT. Elco Indonesia Sejahtera is an MSME established in 1992. This MSME is engaged in the leather processing industry, producing quality tanned leather. So far, the sales process at PT. Elco Indonesia Sejahtera has not used a system, so the process of reporting and monitoring sales could have gone better. There is no integration between divisions, which results in difficulty in accessing data quickly, and it is not uncommon for physical transaction documents to be lost, which results in decreased sales performance.

This research will develop an Enterprise Resource Planning (ERP) system for the sales module and dashboard by adopting the circular economy concept using Odoo with the Quickstart method. The writer will develop the system to help PT. Elco Indonesia Sejahtera records sales transactions, integrates divisions, reports sales, and monitors sales with dashboards related to sales results within a certain period. The concept of circular economy is also applied in developing the system with the aim of increasing sales revenue while considering sustainable environmental aspects. The writer will test and validate the system through unit testing, integration, and user acceptance with PT. Elco Indonesia Sejahtera. The result of this research is the development of a sales module ERP system that can integrate the sales process and produce sales reporting in the form of charts and pivot tables which are one of the data sources of the real-time sales dashboard in the Odoo application by applying the circular economy concept.

Keywords—ERP, Odoo, Sales, Dashboard, Quickstart, Circular Economy, MSME