ABSTRACT

The rapid development of SMEs in Indonesia, especially in the current technological era, will affect their competitiveness of SMEs. This can be one of the factors of failure faced by several SMEs. One way to improve the quality and competitiveness of small businesses is to develop a system that can be used as a standard to improve the performance of daily business processes. Some SMEs in Indonesia does not yet have a system that can be used as a standard to support daily business processes, especially in the process of recording transactions and financial reporting for SMEs. The recording of transactions and the generation of financial reports that are created separately and are not integrated into the ongoing process increase computational errors in the reports that are generated and used to manage costs received or incurred. This affects purchasing strategy, cost control, and decision-making in resource planning.

The solution to overcome the problems faced by SMEs is to design an ERP system based on Open Source using the Accelerated SAP (ASAP) methodology, namely Smart UKM to create best practices on an integrated system, especially in recording financial transactions in the sales process, purchasing, and production so that financial reports can be generated automatically and in real-time.

The result of this study is a design model of the Smart UKM system based on an ERP system that applies the accounting module to the Dolibarr application and uses the ASAP method. This is expected to minimize the problems experienced by SMEs in their financial management system.

Keywords: Smart UKM, ASAP Method, ERP Open Source, Accounting