

ABSTRACT

Small and medium-sized enterprises (SMEs) in the culinary sector, such as Rumah Makan Sate Balibul Solo, still use traditional transaction recording systems that are not integrated between units. The recording process is still done by hand and relies on memory, making it prone to high human error and making it difficult to maintain data consistency. The lack of automatic connectivity between departments such as the kitchen, cashier, and management leads to delayed information, order recording errors, inaccurate stock monitoring, and difficulty for management to access the latest data. To address these issues, the proposed solution is the implementation of an Enterprise Resource Planning (ERP) system. ERP is an integrated information system capable of connecting various business processes into a single platform, minimizing human error, and transforming previously separate workflows into an efficient, unified system. In this study, ERP was implemented using the flexible Odoo platform, focusing on the Point of Sale (POS) module, which functions for automatic transaction recording, real-time inventory updates, and digital sales reporting. The method used was Quickstart, consisting of: kick-off call, analysis, and configuration. This method enables the system design process to proceed quickly, simply, and in line with the needs of SMEs. Evaluation was conducted using the expert judgment method to assess the system's effectiveness. The results indicate that the Odoo POS-based ERP system helps resolve traditional recording issues, accelerates service, reduces errors, and provides analyzable data to support marketing strategies and customer loyalty. ERP serves as the first step toward digital transformation for SMEs aiming for sustainable growth.

Keyword: Enterprise Resource Planning (ERP), Point of Sale (POS), Quickstart, UMKM, Odoo, Information Systems, SMEs, Expert Judgement.