ABSTRACT

Transaction handling and financial management are essential components in business operations. However, many entrepreneurs still faced difficulties due to manual data recording or the use of non-integrated systems. This study aimed to design and implement a web-based Point of Sale (POS) system to support real-time transaction processing and financial monitoring. The development process followed the ICONIX Process methodology, which included requirements analysis, modeling, system design, and implementation. The system featured sales recording, product inventory management, cash flow reporting, and simple profit-loss calculations. As a web-based application, it was accessible through various devices, allowing business owners to monitor operations anytime and anywhere. The implementation results showed that the system functioned properly and improved the efficiency of financial recording and reporting. This application was expected to provide a practical solution for small businesses, particularly Larisa Bakery, in managing transactions and making more accurate business decisions.

Keywords: Point of Sale, Web Application, ICONIX Process, Financial Management, Business Transactions