

ABSTRACT

In the rapidly evolving digital era, efficiency and transparency in procurement and logistics processes have become major challenges for manufacturing industries, including PT Sanoh Indonesia. Inefficiencies in the previous system resulted in high operational costs and reduced competitiveness. To address this issue, an integrated web-based management system was developed to support procurement and logistics operations. This application includes core features such as Purchase Order (PO) management, Delivery Note (DN) tracking, and inventory management, with multi-role access for suppliers, warehouse, purchasing, and admin users. The system was developed using the Agile methodology, allowing iterative and user-responsive development. The user interface was designed using Figma, while development utilized Visual Studio Code and GitHub for collaboration and version control. English was implemented as the application's language to support global usability across PT Sanoh Indonesia's international branches. Final testing results indicate significant improvements in operational efficiency and transparency, enabling users to monitor procurement and logistics flows in real-time and accelerate decision-making processes. This system is expected to serve as a long-term solution to address industry challenges and strengthen the company's competitive position in the global market.

Keywords: integrated management system, procurement, logistics, agile, PT Sanoh Indonesia, web-based application.