

ABSTRACT

The purpose of establishing Micro, Small, and Medium Enterprises (MSMEs) is not only limited to profit achievement but also to ensure business sustainability. Smooth production processes are the key to success in a company, especially in the manufacturing sector such as MSMEs. Crucial factors to achieve this goal include effective procurement of raw materials, careful inventory management, and purchase invoice management. In addition, focusing on managing inventory cards is also essential to maintain optimal availability. This research focuses on the Wonderful Rotan MSME, located in West Java in the Cisarua District, known for its high-quality rattan weaving products. Although it has achieved success in the market, the process of purchasing raw materials and inventory management still relies on paper-based records, which may lead to recording errors and financial uncertainty. By introducing a web-based purchasing data management system, this research aims to improve efficiency and accuracy in the purchasing process of Wonderful Rotan MSME. This system involves purchase order (PO) document management, recording of goods receipt, recording of purchase settlements, inventory management, and integration with accounting records such as journals, ledgers, and purchase reports. The implementation of this technology is expected to reduce the risk of human errors, improve inventory management, and provide MSME owners with clearer access to financial transaction records. In its implementation, this web-based application uses PgAdmin4 as the database management system, Laravel as the development framework, UML and ERD for system design, and Bootstrap template for creating responsive and aesthetic interfaces. This project also utilizes hosting services for online access and Trello as a project management tool. It is hoped that the proposed system can be an effective solution for Wonderful Rotan MSME to help improve operational efficiency and make a positive contribution to Indonesia's economic growth.

Keywords: MSME, PO, Settlements, Receipt, Inventory