

ABSTRACT

Design and Development of a Web-Based Inventory and Sales Management Application for MSMEs Supplying Bag-Making Materials.

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Micro, Small, and Medium Enterprises (MSMEs) play a significant role in supporting the local economy, one of which is Lea Store, a home-based bag material supplier located in Bogor Regency. The main issue faced is the lack of centralized stock and sales transaction records, which are still done manually. This results in data inconsistency, lost receipts, and delays in decision-making. This study aims to design and develop a web-based inventory and sales management application to assist MSMEs in automatically managing inventory data, transactions, and sales reports. The development method used is Rapid Application Development (RAD), which supports fast and efficient system development. The result of this research is a web application that provides features such as raw material inventory management, transaction recording, stock minimum notifications, customer data management, and real-time sales report generation. The implementation of this system is expected to improve operational efficiency, reduce recording errors, and support business decision-making at Lea Store.

Keywords: *Information system, Inventory management, Sales, MSMEs, Web-based, Rapid Application Development.*

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