

ABSTRACT

Lima Saudara Building Materials Store is a small and medium-sized enterprise established in January 2020 that still uses conventional methods for recording transactions, managing inventory, and preparing financial reports. The use of handwritten notes leads to calculation errors, the absence of an organized inventory system causes uncertainty in product data, and difficulties in preparing financial reports result in inefficiency and the risk of data loss. This study aims to design and develop a web-based sales information system to address these issues. The system development method employs the Extreme Programming (XP) approach, which includes identifying requirements through interviews, iterative planning, designing with the principle of simple design, developing the system using the Laravel framework, and refactoring to maintain code quality. The system can automatically record transactions, provide real-time inventory information, and generate more accurate daily financial reports. With this system, it is expected that the store's operational efficiency will improve, and decision-making processes will become faster and more accurate.

Keywords: *Sales Information System, Extreme Programming (XP), Website*