

ABSTRACT

The growth of the building materials industry has highlighted the need for an efficient and integrated system for purchasing and sales management. This research aims to develop a web-based application that facilitates transaction processes using the Quick Response Code Indonesian Standard (QRIS) method at Utomo Building Store in Purworejo. The software development method focuses on a deep understanding of user needs, comprehensive analysis related to QRIS technology, and the implementation of a user-friendly interface design. This application enables customers to easily and securely purchase building materials through the scanning of QRIS codes, while store owners can track inventory, process payments, and manage transactions efficiently. The implementation of QRIS in the application allows for quick, secure transactions accessible through various digital payment methods. The application testing results indicate a positive response from users regarding usability, security, and accessibility in the process of purchasing and selling building materials. This research contributes to the development of an innovative web-based application relevant to market needs in the building materials industry, particularly in implementing QRIS technology to enhance transaction efficiency.

Keywords: Web Application, QRIS, Purchasing, Sales, Building Materials, Utomo Building Store, Purworejo.