ABSTRACT

Effective warehouse management plays a crucial role in supporting smooth business operations, especially in small-scale catering equipment rental businesses. Many business owners still rely on manual record-keeping using notebooks or Excel, which are prone to errors and data loss. Moreover, Excel often presents challenges for some users due to complex formulas and features that are not easily understood by everyone. Based on these issues, this study developed a web-based warehouse management application using the prototype method. The application was built went through iterative stages including requirement gathering, prototype development, evaluation, implementation, and testing using the black-box method. Key features developed include recording incoming and outgoing goods, item data management, stock monitoring, and report generation. Testing results showed that all features functioned properly according to user needs. This application has proven to enhance data accuracy, improve efficiency, and facilitate easier access to information. By involving users directly in the development process, the application offers a practical and responsive solution for digitalizing warehouse management in small business environments.

Keywords : Warehouse Management, Web Application, Prototype, Stock Items