ABSTRACT

Medical asset management is an important aspect of hospital operations, ensuring that assets such as warehouses and medical goods are managed efficiently. Permata Dalima Hospital faces challenges in managing its assets due to the limitations of asset management applications that can only be accessed within the hospital environment. To overcome this problem, this research developed a web-based healthcare asset management application using a low-code platform. The main objective of this research is to develop an effective information system architecture and create an efficient asset distribution management system.

The developed application allows admins and warehouse managers to add, change, delete, and transfer goods between warehouses easily via the internet, increasing flexibility and accessibility compared to the previous version of the application. Based on the results of the User Acceptance Test (UAT), all test scenarios were successfully implemented with the result of "PASS," indicating that this application has met all the functional needs expected by users. The use of a low-code platform is proven to accelerate the application development process, providing a more flexible and efficient solution in managing health assets at Permata Dalima Hospital.

Keywords: *medical asset management, web-based application, low-code platform, information system, asset distribution.*