

ABSTRACT

DESIGN AND CONSTRUCTION OF A WEBSITE-BASED MEDICATION DATA RECORDING SYSTEM AT THE MESKOM PUSKESMAS PHARMACY WAREHOUSE

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Abstract

This research aims to develop a website-based drug data recording system as a more economical and efficient alternative to the manual recording system at the Meskom Community Health Center Pharmacy Warehouse. This system is designed to overcome common problems associated with conventional drug data recording, such as the risk of data loss, document damage, difficulties in searching and tracking drug stock, and slow report recapitulation processes. By leveraging website technology, the developed system allows for centralized drug data recording, facilitates easy access to stock information and drug in/out history, and enables automatic report generation. The system development method used is FAST (Framework for Application of System Thinking), needs analysis, database and interface design, implementation using specific programming languages and web frameworks, and system testing to ensure its functionality and reliability. The results of this research indicate that the website-based drug data recording system can improve data accuracy, accelerate administrative processes, and minimize errors frequently occurring in manual systems, thereby contributing to better pharmacy management at the Meskom Community Health Center.

Keywords : *Puskesmas, medication data recording system, website, medication management*