

ABSTRACT

This research aims to develop and implement a web-based application for recording sales transactions and general journal entries to optimize drug inventory management at Apotek Madya Cimahi. Currently, sales transactions are recorded manually, and general journal management relies solely on daily cash records. This approach is prone to recording errors, delays in stock data updates, and difficulties in generating accurate and integrated financial reports. The lack of an automated system also increases the risk of inconsistencies between sales data, drug inventory, and financial records. Therefore, the application developed in this study is designed to enhance the efficiency of sales and journal recording processes through a more structured and integrated system. The application enables automated transaction recording, reducing human errors and facilitating real-time monitoring of drug inventory. Additionally, the system supports faster and more accurate financial reporting by providing transaction recording features that are directly connected to inventory management and the general journal system. The implementation of this web-based application is expected to improve the operational efficiency of the pharmacy, accelerate transaction recording and financial reporting processes, and ensure better control over drug inventory availability.

Keywords: *Web-Based Application, Inventory Management, Sales, General Journal Reports*