

Design and Development of a Web-Based Medical Record Storage Information System in FA Mitra Lamongan Clinic

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ABSTRACT

Optimal medical record storage must be implemented in every clinic, including at Klinik FA Mitra Lamongan. Preliminary studies identified several issues in the management of medical record storage, such as manual record handling, accumulation of records, records without folders, undocumented borrowing and return activities, and the absence of tracers. These issues have led to misfile incidents, which in turn hinder the distribution process and reduce the efficiency of healthcare services. This study aims to design and develop a web-based medical record storage information system at Klinik FA Mitra Lamongan to assist staff in managing and monitoring medical record storage, thereby improving service quality and minimizing the occurrence of misfiles. This research employs the waterfall development method, with data collected through observation, interviews, and documentation. The result of this study is a web-based medical record storage information system equipped with features such as QR code printing, QR code scanning during borrowing, and return delay notifications. It is expected that the implementation of this system will enhance the efficiency of medical record storage operations and optimize the quality of healthcare services at Klinik FA Mitra Lamongan.

Keywords: *Information System, Medical Records, Storage, Misfile*