

Design a Medical Record Retention System at Level III Hospital Baladhika

Husada Jember

Muhammad Yunus, S.Kom., M.Kom (Supervisor)

Titik Noviana

Health Information Management Study Program

Department of Health

ABSTRACT

Technology is now widely used, both in decision making and to facilitate work. These technological developments have also penetrated the field of information and aspects of organizational activities, including organizations engaged in services, namely hospitals. The use of technology in hospitals can make it easier for filing officers who carry out medical record retention. Retention is the process of selecting medical record files to separate active medical record files into active ones according to the retention period of medical record files. Based on a preliminary study conducted in July 2023 at Baladhika Husada Jember Level III Hospital, it was found that the implementation of retention is carried out every year. Retention carried out every year results in a fairly high workload of officers in recording retained medical records. Therefore, it is necessary to design a system so that it can improve the performance of officers so that the retention process is more effective and efficient. The system design method uses the waterfall method consisting of Requirements, Design, Implementation, Verification, and Maintenance. The System Requirements stage is carried out by collecting observational data, interviews and documentation. The system design phase uses Flowchart, Data Flow Diagram (DFD) and Entity Relationship Diagram (ERD). The system verification stage uses the black box test method which focuses on testing the functionality of a system. The system implementation phase uses PHP programming language to translate system design into syntax. The system maintenance stage is carried out by installing applications that have been made to the hospital computer and using the system for a predetermined period of time.

Keywords: *Retention, hospital, waterfall, information system, medical record*