Designing and Implentation of Medical Resumes Retention Application at Balung Regional Hospital in Jember

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ABSTRACT

Balung Regional Hospital, established since 1940, is recognized as one of the primary healthcare providers and hospitals. However, the increasing number of patient visits has led to issues in medical record storage, where the storage racks can no longer accommodate all documentation adequately. Consequently, many active medical records are piled up haphazardly on the floor, increasing the risk of damage or moisture. To address this problem, research has been conducted to develop an information system to assist in managing medical records at Balung Regional Hospital, especially in the retention process. The development method used is the *Waterfall* method, which includes stages such as identifying user needs, designing the application, implementation, and testing. User requirements are obtained through interviews with retention officers and studying the retention SOP documents at RSD Balung. Various designs such as Flowchart diagrams, DFD, database designs, and Mockups are used as the basis for application development. This retention application, developed using the Laravel framework based on the website, will assist officers in determining which medical records need retention, monitoring the status of medical records, and automatically printing minutes of meetings.

Keywords: medical resume, retention, Waterfall method, Laravel framework