

**DESIGN AND BUILD A WEB-BASED MEDICAL RECORD LENDING AND
RETURN INFORMATION SYSTEM WITH WHATSAPP REMINDER
OUTPATIENT FILLING UNIT AT RSI GARAM KALIANGET
SUMENEP MADURA**

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ABSTRACT

Medical Record Services at RSI Garam Kalianget Sumenep Madura still use manual and electronic system, medical record services that are still carried out manually are borrowing and returning outpatient medical records. So the poly officer has trouble when he wants to borrow and return the medical record because he has to find a medical record officer first. In addition to no tracer, the previous system did not have a reminder so borrowers were often late in returning medical records at a predetermined time. Data collection techniques are interviews and observations. The type of research used research is Research and Development. The system development method used is the waterfall.. The stages of the waterfall method are Requirement analysis and definition, System and software design, Implementation and unit testing and Integration and system testing. As a result of the Requirement analysis and definition stage, the filling officer wants a notification of the reminder of the return of medical records to the poly officer. The result of the system and software design stages is the UML plan, namely use cases, activity diagrams, sequence diagrams, class diagrams and ERD. The results of the Implementation and unit testing stages in the form of a web lending system and returning medical records. The result of the Integration and system testing stages is that the Filling and poly officers can operate the system properly. The advantages of this system besides whatsapp are also the recording of medical record files that have not returned. The result of this study is an information system for borrowing and returning medical record files using a web-based Whatsapp Reminder at RSI Garam kalianget Sumenep Madura which has been tested the system so that the system can be run properly at RSI Garam kalianget Sumenep Madura.

Keywords: *medical record, system , hospital, waterfall, whatsapp*