

**PERANCANGAN SISTEM INFORMASI PEMINJAMAN DAN  
PENGEMBALIAN BERKAS REKAM MEDIS PADA INTERNAL UNIT  
RAWAT JALAN DI RUMAH SAKIT X BANDUNG**

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***Abstract***

*This study aims to design an information system for borrowing and returning outpatient medical record files at the internal outpatient unit at Hospital X Bandung. In this study the method used is a qualitative method with a descriptive approach. The data collection technique used is by means of observation, interviews, and literature studies related to the research. This software development method uses the Waterfall Method. This method is carried out with a systematic approach, starting from the system requirements stage and then moving on to the analysis, design, coding, testing/verification, and maintenance stages. The steps that are passed must be completed one by one, cannot go directly to the next stage and must run sequentially, therefore it is called a waterfall, there are also stages that must be carried out, namely Requirement definition, system software design, implementation, unit testing integration. and unit testing that is set using Microsoft Visual Studio 2010 with the MySQL programming language as its database. The problem from the results of the research carried out is: the processing of borrowing and returning outpatient medical records still uses manual recording, namely by being recorded in the available expedition books and there are still delays in returning outpatient medical record documents. The suggestions given are: 1) designing a new information system that helps make work easier, more effective and efficient, and 2) there is a need for re-socialization regarding the maximum length of time borrowed outpatient medical record documents are immediately returned to the unit. Medical records.*

**Keywords:** *Information Systems, Borrowing and Returning Records Medical, Outpatient, Microsoft Visual Studio 2010.*

***Abstrak***

Penelitian ini bertujuan untuk merancang sistem informasi peminjaman dan pengembalian berkas rekam medis rawat jalan pada internal unit rawat jalan di Rumah Sakit X Bandung. Dalam penelitian ini metode yang digunakan yaitu metode kualitatif dengan pendekatan deskriptif. Teknik pengumpulan data yang digunakan adalah dengan cara observasi, wawancara, serta studi pustaka yang terkait dengan penelitian. Metode pengembangan perangkat lunak ini menggunakan Metode *Waterfall* Metode ini dilakukan dengan pendekatan yang sistematis, mulai dari tahap kebutuhan sistem lalu menuju ke tahap analisis, desain, coding, testing/verification, dan maintenance. Langkah demi langkah yang dilalui harus diselesaikan secara satu per satu tidak dapat langsung lanjut ke tahap berikutnya dan harus berjalan secara berurutan, oleh karena