

ABSTRACT

Title : Designing a Web-Based Medical Record Tracking Information System with a Barcode Scan System at Grogol Petamburan Public Health Center

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Study Program : Rekam Medis dan Informasi Kesehatan

The medical record is a source of data that is processed into an important information for the continuous service of patients. The medical record unit has a variety of basic tasks. One of them is the distribution and retrieval or retrieval of medical records. The length of time for extracting medical records is at least 1 hour before the end of the service at the public health center. The system of borrowing and returning medical records in public health center in Grogol is still manual by recording in the expedition's book. This has encountered a problem. Frequent delays in the distribution of medical records and frequent misfiles on medical record storage racks. This research method uses qualitative analysis with 2 informants, namely medical records officer and medical records chief. Systems planning uses the System Development Life Cycle (SDLC) approach. The research instrument was in the form of interview guidelines and observation checklist. The stage of designing a medical record tracking system uses 4 aspects: planning, system analysis, system design, and system implementation. This study aims to produce a web-based tracking system by means of a barcode scan to speed up service and minimize error rates.

Keywords : Tracking System, SDLC, WEB, Barcode Scan

ABSTRAK

Judul : Perancangan Sistem Informasi Pelacakan Rekam Medis Berbasis Web dengan Sistem Barcode Scan di Puskesmas Grogol Petamburan

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Rekam medis adalah suatu sumber data yang diolah menjadi sebuah informasi penting bagi pelayanan berkesinambungan pasien. Unit rekam medis mempunyai berbagai tugas pokok. Satu diantaranya yaitu melakukan distribusi dan pengambilan Kembali atau retrieval rekam medis. Lama waktu pengebalian rekam medis paling lambat 1 jam sebelum berakhirnya pelayanan di puskesmas. Sistem peminjaman dan pengembalian rekam medis di puskesmas grogol petaburan masih manual dengan mencatat di buku ekspedisi. Hal tersebut menemui masalah. Sering terjadinya keterlambatan pendistribusian rekam medis dan sering terjadi misfile di rak penyimpanan rekam medis. Metode penelitian ini menggunakan analisis kualitatif dengan 2 informan yaitu petugas rekam medis dan kepa rekam medis. Perencanaan sistem menggunakan pendekatan System Development Life Cycle (SDLC). Instrument penelitian berupa pedoman wawancara dan daftar tilik observasi. Tahap perancangan sistem pelacakan rekam medis menggunakan 4 aspek yaitu : perencanaan, analisis sistem, desain sistem, dan implementasi sistem. Penelitian ini bertujuan untuk menghasilkan sistem pelacakan berbasis web dengan cara barode scan guna mempercepat dalam pelayanan dan meminimalisir tingkat kesalahan.

Kata kunci : Sistem Pelacakan, SDLC, WEB, Barcode Scan