

RANCANG BANGUN SISTEM PENDAFTARAN PERJANJIAN PASIEN RAWAT JALAN BERBASIS *WEB* DI PUSKESMAS SAMBI KECAMATAN SAMBI KABUPATEN BOYOLALI

ABSTRAK

Rekam medis adalah berkas yang berisikan catatan dan dokumen tentang identitas pasien, pemeriksaan, pengobatan, tindakan dan pelayanan lain yang telah diberikan kepada pasien. Seiring dengan perkembangan teknologi penerapan dalam pelayanan kesehatan di Indonesia membangun rekam medis elektronik (RME) akan lebih berguna jika semua rekam medis itu terkoneksi di dalam jaringan computer sehingga data pasien dapat tersimpan dan terolah dengan baik. Berdasarkan observasi pada bulan September-November 2022 jumlah pasien di Puskesmas Sambi sejumlah 5.027 pasien, di dapatkan bahwa pelayanan pendaftaran pasien masih menggunakan manual dan diketahui kunjungan rata-rata pasien rawat jalan berjumlah 56 pasien setiap harinya dengan 22 pasien di antaranya mendapatkan pelayanan dengan rata-rata waktu 60 menit yang artinya sesuai dengan *Standard Operating Procedure* (SOP) di unit rawat jalan yaitu kurang atau sama dengan 60 menit dan 34 pasien berikutnya mendapatkan pelayanan dengan waktu lebih dari 60 menit. Tujuan penelitian ini adalah membuat rancang bangun rekam medis elektronik pasien rawat jalan berbasis *web*.

Penelitian ini menggunakan metode perancangan siklus hidup pengembangan sistem atau *System Development Life Cycle* (SDLC) dengan tahapan perencanaan, analisis, desain, implementasi, maintenance. Metode perancangan sistem ini menggunakan siklus hidup pengembangan sistem (*Systems Development Life Cycle-SDLC*) yang terdiri dari tahap perencanaan, analisis, desain, implementasi, maintenance.

Berdasarkan hasil observasi, maka dapat disimpulkan rancang bangun sistem pendaftaran perjanjian pasien rawat jalan berbasis *web* di Puskesmas Sambi Kecamatan Sambi Kabupaten Boyolali, memenuhi standar *usability* yaitu 77,03 % atau dapat diklarifikasikan “baik”.

Penelitian ini menghasilkan rancang bangun sistem pendaftaran perjanjian pasien rawat jalan berbasis *web* yang membantu dalam proses pendaftaran pasien, pemeriksaan, pemberian resep, pembayaran dan pembuatan laporan Puskesmas.

Kata Kunci : Pendaftaran Pasien Perjanjian, Rawat Jalan

DESIGN OF OUTPATIENT PATIENT REGISTRATION BASED SYSTEM WEB AT PUSKESMAS SAMBI DISTRICT, BOYOLALI DISTRICT

ABSTRACT

A medical record is a file that contains notes and documents about patient identity, examination, treatment, action, and other services that have been given to patients. Along with the development of application technology in Indonesian health services, building electronic medical records (RME) will be more useful if all medical records are connected to a computer network so that patient data can be stored and processed properly. Based on observations in September-November 2022, the number of patients at the Sambu Health Center was 5,027, it was found that patient registration services were still using manuals, and it was known that the average outpatient visit was 56 patients per day, with 22 of them receiving services in an average of 60 minutes, which means according to the Standard Operating Procedure (SOP) in the outpatient unit, which is less than or equal to 60 minutes and the next 34 patients getting services with more than 60 minutes. The purpose of this study was to design and build electronic medical records based on outpatient care web.

This study used the System Development Life Cycle (SDLC) design method, which has four stages: planning, analysis, design, implementation, and maintainance. This system design method uses the system development life cycle (SDLC), which consists of planning, analysis, design, implementation stages, and maintainance.

Based on the results of observations, it can be concluded that the design of the outpatient appointment registration system, which is web-based at the Sambu Health Center, Sambu District, and Boyolali Regency, met the standards for usability, namely 77,03 %, and can be classified as "good".

This research resulted in the design of an outpatient appointment registration system-based web application that assists in the processes of patient registration, examination, prescribing, payment, and preparation of Public Health Center reports.

Keywords : Patient Registration Agreement, outpatient