

**PERANCANGAN SISTEM INFORMASI KLINIK PRATAMA
POLKESYO BERBASIS WEB MENGGUNAKAN BAHASA
PEMROGRAMAN PHP DAN DATABASE MYSQL TAHUN 2023**

Silvester Aditya¹, Abdul Hadi Kadarusno², Munica Rita Hernayanti³
^{1,2,3}Jurusan Kebidanan Poltekkes Kemenkes Yogyakarta
Jl. Mangkuyudan MJ III/304 Yogyakarta
Email: adityatergo01@gmail.com; abdul.hadik@poltekkesjogja.ac.id;
munica.ritah@poltekkesjogja.ac.id

ABSTRAK

Latar Belakang: Permenkes RI No. 24 Tahun 2022 tentang Rekam Medis mewajibkan setiap fasyankes menerapkan RME pada pelayanan kesehatan. Klinik Pratama Polkesyo adalah salah satu klinik yang belum menerapkan rekam medis elektronik semenjak berdiri di tahun 2007 dengan nama awal Balai Pengobatan Klinik Terpadu Polkesyo.

Tujuan: Mendapatkan rancangan sistem informasi rawat jalan di Klinik Pratama Polkesyo.

Metode: Metode penelitian ini adalah metode R&D (*Research and Development*). Pengumpulan data dengan wawancara dan observasi tentang prosedur dan alur rawat jalan di Klinik Pratama Polkesyo. Responden berjumlah 11 orang. Perancangan menggunakan metode *System Development Life Cycle* (SDLC).

Hasil: Hasil penelitian ini adalah item data di sistem informasi klinik sudah sesuai dengan prosedur pelayanan yang ada di Klinik Pratama Polkesyo. Analisis sistem terdiri dari data poli, tenaga medis, pasien, obat, harga pelayanan. Desain sistem menggunakan MySQL dengan 32 tabel database. Implementasi dengan cara menginstal sistem informasi klinik di Klinik Pratama Polkesyo. Evaluasi penggunaan sistem informasi klinik mendapatkan respon sebesar 51,18% responden menyatakan Setuju dan 38,82% responden menyatakan Sangat Setuju.

Kesimpulan: Rancangan sistem informasi rawat jalan di Klinik Pratama Polkesyo mendapatkan respon yang positif bahwa sistem tersebut layak untuk digunakan tetapi masih terdapat kekurangan dan perlu dilakukan pengembangan lebih lanjut.

Kata kunci: Perancangan, Sistem Informasi Klinik, R&D, SDLC, MySQL.

**DESIGNING A WEB-BASED PRATAMA POLKESYO CLINIC
INFORMATION SYSTEM USING PHP PROGRAMMING
LANGUAGE AND MYSQL DATABASE IN 2023**

Silvester Aditya¹, Abdul Hadi Kadarusno², Munica Rita Hernayanti³
^{1,2,3} Midwifery Department, Health Polytechnic, Ministry of Health
Yogyakarta
Jl. Mangkuyudan MJ III/304 Yogyakarta
Email: adityatergo01@gmail.com; abdul.hadik@poltekkesjogja.ac.id;
munica.ritah@poltekkesjogja.ac.id

ABSTRACT

Background: Indonesian Minister of Health Regulation No. 24 of 2022 concerning Medical Records requires every health facility to implement RME in health services. Pratama Polkesyo Clinic is one of the clinics that has not implemented electronic medical records, since the establishment of Pratama Polkesyo Clinic it has never used electronic medical records.

Objective: Obtain an outpatient information system design at the Pratama Polkesyo Clinic.

Method: This research method is the R&D method (*Research and Development*). Data collection using interviews and observations regarding outpatient procedures and flow at Klinik Pratama Polkesyo. Respondents totaled 11 people. Design using methods *System Development Life Cycle* (SDLC).

Results: The results of this research are that the data items in the clinical information system are in accordance with existing service procedures at the Pratama Polkesyo Clinic. System analysis consists of poly data, medical personnel, patients, drugs, service prices. System design using MySQL with 32 database tables. Implementation by installing a clinical information system at the Polkesyo Pratama Clinic. Evaluation of the use of clinical information systems received a response of 51.18% of respondents stating Agree and 38.82% of respondents stating Strongly Agree.

Conclusion: The design of the outpatient information system at the Pratama Polkesyo Clinic received a positive response that the system was suitable for use but there were still shortcomings and needed further development.

Keywords: Design, Clinical Information Systems, R&D, SDLC, MySQL