

## **SISTEM INFORMASI PELAYANAN IMUNISASI BAYI DAN PENIMBANGAN BERBASIS WEB DI POSYANDU WILAYAH PUSKESMAS LUWUNGGEDE BREBES**

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### **ABSTRAK**

Kegiatan sistem informasi berbasis komputer pada pelayanan imunisasi bayi di Wilayah kerja Puskesmas Luwunggede ditemukan permasalahan bahwa kegiatan pengumpulan data masih dicatat pada lebih dari satu register (input) dan pada proses belum menggunakan manajemen basis data, (proses) serta info belum tepat waktu (output) berupa informasi laporan bulanan yang dilaporkan tidak tepat waktu. Penelitian ini bertujuan mengembangkan sistem informasi pelayanan imunisasi bayi di Puskesmas untuk mendukung evaluasi program KIA di puskesmas Luwunggede.

Jenis penelitian yang digunakan adalah penelitian deskriptif. Subjek dalam penelitian ini adalah petugas yang terlibat pada Sistem Informasi Imunisasi bayi di Wilayah Kerja Puskesmas Luwunggede Brebes, antara lain bidan, bagian pendaftaran serta bagian pengisian KMS.

Hasil penelitian menunjukkan bahwa hasil uji coba sistem informasi yang digunakan mampu mengatasi permasalahan yang berhubungan dengan kualitas informasi sistem meliputi ketersediaan data dan informasi, kesesuaian informasi, ketepatan waktu pelaporan, dan keakuratan informasi.

Penelitian ini menghasilkan rancangan sistem informasi pelayanan imunisasi bayi berbasis web bagi Posyandu Wilayah kerja Puskesmas Luwunggede Brebes. Agar sistem informasi dapat berjalan sesuai dengan kebutuhan pengguna dan dapat memberikan hasil yang maksimal, maka sebaiknya diperhatikan sumber daya manusia yang mengoperasikan sistem. Dengan demikian diperlukan pelatihan bagi user, pemilihan hardware yang baik serta perawatan rutin 6 bulan sekali baik hardware maupun software.

Kata Kunci : Sistem Informasi, Imunisasi Bayi, Posyandu

## **INFORMATION SYSTEM OF INFANT IMMUNIZATION SERVICES AT INTEGRATED HEALTH CENTER (POSYANDU) OF LUWUNGGEDE HEALTH CENTER BREBES**

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### **ABSTRACT**

Computer-based information system in infant immunization services in the work area of Luwunggede Health Center found that the data collection activities are recorded on more than one register (input) and the process has not been based on database management (process) then the information (output) in the form of monthly reports are not reported on time. This study aims to develop information systems of infant immunization services in health centers to support Mother and Child Health (MCH/KIA) program evaluation in Luwunggede clinic.

This research was descriptive research. The subjects in this study were the officers involved in the infant Immunization Information System in the work area of Luwunggede Health Center Brebes, including midwives, registration officers and KMS filling officers.

The results indicates that the test on the information system shows that it is useful to overcome the problems related to the quality of information systems including the availability of data and information, the suitability of the information, timeliness of reporting, and the accuracy of the information.

This research resulted in the design of web-based information systems for infant immunization services for Integrated Health Center (Posyandu) in the work area of Luwunggede Health Center Brebes. To make information system run smoothly based on the user needs and deliver maximum results, some qualified officers are needed to operate the system. Thus, there are the need for user training, hardware selection, as well as routine system maintenance every 6 months for both hardware and software.

**Keyword** : Sistem Informasi, Imunisasi Bayi, Posyandu