

INTISARI

Perkembangan teknologi informasi yang pesat saat ini sangat dibutuhkan untuk membantu kinerja suatu organisasi. Salah satu organisasi yang membutuhkan sistem informasi adalah pos pelayanan terpadu (posyandu) merupakan layanan kesehatan untuk ibu dan anak. Kegiatan posyandu seperti mengukur berat badan dan tinggi anak, pemberian vitamin dan imunisasi, penyuluhan kesehatan, serta pemberian makanan tambahan balita. Permasalahan yang terjadi pada posyandu di desa Sambiharjo, kecamatan Paranggupito, kabupaten Wonogiri adalah pencatatan data balita masih manual atau tulis tangan sehingga proses input dan pencarian data balita memerlukan waktu yang lebih lama. Penelitian ini memiliki tujuan untuk membuat rancangan dan membangun sistem informasi posyandu untuk memudahkan kader posyandu dalam melakukan pencatatan, monitoring, dan pelaporan secara digital. Metode pengembangan sistem yang digunakan adalah metode waterfall. Hasil penelitian ini adalah rancangan sistem informasi posyandu desa Sambiharjo yang digunakan oleh kader posyandu dalam melakukan pencatatan kegiatan, monitoring balita, dan pelaporan kegiatan posyandu.

Kata kunci: Pos Pelayanan Terpadu (Posyandu), Sistem Informasi, *Web*, *Waterfall*

ABSTRACT

The rapid advancement of information technology in recent years has become essential in supporting the operational performance of organizations. One such organization that requires the implementation of an information system is the Integrated Health Service Post (Posyandu), which serves as a healthcare facility for mothers and children. Posyandu activities typically include monitoring children's weight and height, providing vitamins and immunizations, delivering health education, and distributing supplementary food for toddlers. A major issue faced by the Posyandu in Sambiharjo Village, Paranggupito District, Wonogiri Regency is that the recording of child health data is still conducted manually, using handwritten methods. This approach leads to inefficiencies in data entry and significantly delays the process of data retrieval. The objective of this research is to design and develop a Posyandu information system that facilitates digital recording, monitoring, and reporting for Posyandu cadres. The system development process in this study employs the Waterfall methodology. The outcome of this research is a prototype of an information system tailored for the Sambiharjo Village Posyandu. This system enables cadres to perform digital documentation of activities, monitor child development, and generate activity reports more efficiently.

Keywords: Integrated Health Service Post (Posyandu), Information System, Web-based System, Waterfall Methodology