

**PUPUT NUR AFIAH, 19.230.0066**

**SISTEM INFORMASI MANAJEMEN POSYANDU DESA (SIMPOSA) DI  
DESA UJUNGGEDE BERBASIS WEBSITE**

dibawah bimbingan Mosses Aidjili, M.Kom. dan Widiyono, S.T., M.Kom.

231+xx halaman / 192 gambar / 49 tabel / 5 lampiran / 33 pustaka (2010- 2020)

**ABSTRAK**

*Posyandu Desa Ujunggede merupakan unit layanan kesehatan dasar yang berada di Kecamatan Ampelgading Kabupaten Pematang. Kegiatannya meliputi pemeriksaan gizi dan pemberian imunisasi. Dalam pelaksanaannya, kegiatan ini masih memiliki kendala atau masalah yang dialami oleh petugas baik pada kader maupun koordinator kader. Permasalahan pada kader berupa kesulitan dalam perhitungan kecukupan gizi dan manajemen kegiatan posyandu, sedangkan permasalahan pada koordinator kader berupa laporan yang tidak real-time. Untuk mengatasi masalah tersebut maka diperlukan Sistem Informasi Manajemen Posyandu Desa (SIMPOSA) di Desa Ujunggede Berbasis Website. Metode pengumpulan data yang digunakan melalui observasi, wawancara, dan kuesioner. Sedangkan metode pengembangan sistem yang digunakan berupa model waterfall yang terdiri dari requirement analysis, design, implementation, verification, dan maintenance. Adapun metode pengujian yang digunakan adalah pengujian White Box, Black Box, dan User Acceptance Test (UAT). Dari hasil pengujian tersebut dapat disimpulkan bahwa 72% sistem memberikan kemudahan dalam kesalahan pencatatan hasil pemeriksaan, 87% sistem memberikan kemudahan dalam merekap hasil kegiatan posyandu, 88% sistem memberikan kemudahan dalam perhitungan kecukupan gizi, 81% sistem memberikan kemudahan dalam pencarian data balita, dan 80% sistem memberikan kemudahan dalam pembangunan laporan hasil kegiatan posyandu. Selain itu, hasil pengujian tersebut juga didapatkan kesimpulan bahwa sistem ini memberikan kemudahan dalam pengelolaan data posyandu dan laporan yang real-time. Diharapkan untuk penelitian selanjutnya sistem ini dapat dikembangkan lagi menjadi berbasis mobile dengan penambahan pengolahan data posyandu lain seperti pengolahan posyandu ibu hamil, lansia, dan remaja sehingga nantinya sistem manajemen ini menjadi lebih kompleks lagi.*

**Kata Kunci** : Sistem Informasi Manajemen, Posyandu, Waterfall

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***ABSTRACT***

*Posyandu Ujunggede Village is a basic health service unit located in Ampelgading District, Pemalang Regency. Activities include nutritional checks and immunization. In its implementation, this activity still has obstacles or problems experienced by officers, both cadres and cadre coordinators. Problems with cadres are in the form of difficulties in calculating nutritional adequacy and management of posyandu activities, while problems with cadre coordinators are in the form of reports that are not real-time. To overcome this problem, a Website-Based Village Posyandu Management Information System (SIMPOSA) in Ujunggede Village is needed. Data collection methods were used through observation, interviews, and questionnaires. While the system development method used is in the form of a waterfall model which consists of requirement analysis, design, implementation, verification, and maintenance. The testing methods used are White Box, Black Box, and User Acceptance Test (UAT) testing. From the test results, it can be concluded that 72% of the system makes it easy to record examination results, 87% of the system makes it easy to recap the results of posyandu activities, 88% of the system makes it easy to calculate nutritional adequacy, 81% of the system makes it easy to search toddler data, and 80% of the system provides convenience in developing reports on the results of posyandu activities. In addition, the test results also concluded that this system provides convenience in managing posyandu data and real-time reports. It is hoped that for further research this system can be further developed into a mobile-based with the addition of data processing from other posyandu such as posyandu processing for pregnant women, the elderly, and adolescents so that later this management system will become even more complex.*

***Keywords*** : Management Information System, Posyandu, Waterfall