

APLIKASI POSBINDU BERBASIS *WEBSITE* UNTUK MASYARAKAT DESA TENGGAYUN

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ABSTRAK

Pos Pembinaan Terpadu Penyakit Tidak Menular (Posbindu PTM) merupakan program kesehatan berbasis masyarakat yang berperan dalam deteksi dini dan pemantauan faktor risiko penyakit tidak menular, namun pelaksanaan di Desa Tenggayun masih menghadapi kendala berupa pencatatan data kesehatan yang dilakukan masih di tulis di buku sehingga berisiko terjadi kesalahan, kehilangan sata, serta keterlambatan pelaporan dan penyampaian informasi. Penelitian ini bertujuan untuk merancang dan membangun Aplikasi Posbindu PTM berbasis *website* guna meningkatkan efesiensi dan akurasi pencatatan data kesehatan, mempermudah proses pelaporan, serta memperluas akses informasi jadwal dan kegiatan Posbindu bagi masyarakat Desa Tenggayun. Metode penelitian meliputi identifikasi masalah, pengumpulan data melalui wawancara dan dokumentasi, analisis sistem, perancangan, dan pembuatan aplikasi, serta penyusunan laporan tugas akhir. Aplikasi dikembangkan menggunakan *framework Laravel* dan *database MySQL*, dengan fitur pengelolaan data peserta, pencatatan hasil pemeriksaan kesehatan, pengelolaan jadwal kegiatan, serta pembuatan laporan secara terstruktur. Hasil penelitian menunjukkan bahwa aplikasi ini mampu mengatasi permasalahan sistem manual, meningkatkan efektivitas kerja kader Posbindu, serta mempermudah masyarakat dalam memperoleh informasi layanan kesehatan, sehingga diharapkan dapat mendukung peningkatan kualitas pelayanan kesehatan masyarakat di Desa Tenggayun.

Kata Kunci: Posbindu PTM, *Website*, *Laravel*, Desa Tenggayun

WEBSITE-BASED POSBINDU APPLICATION FOR THE TENGGAYUN VILLAGE COMMUNITY

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ABSTRACT

The Integrated Non-Communicable Disease Development Post (Posbindu PTM) is a community-based health program that plays a role in early detection and monitoring of risk factors for non-communicable diseases. However, its implementation in Tenggayun Village still faces obstacles in the form of health data recording which is still written in books, resulting in the risk of errors, data loss, and delays in reporting and information delivery. This study aims to design and build a web-based Posbindu PTM Application to improve the efficiency and accuracy of health data recording, simplify the reporting process, and expand access to Posbindu schedule and activity information for the people of Tenggayun Village. The research method includes problem identification, data collection through interviews and documentation, system analysis, application design and creation, and preparation of a final project report. The application was developed using the Laravel framework and MySQL database, with features for managing participant data, recording health examination results, managing activity schedules, and creating structured reports. The results of the study indicate that this application is able to overcome manual system problems, increase the effectiveness of Posbindu cadres, and make it easier for the community to obtain health service information, so it is expected to support improving the quality of public health services in Tenggayun Village.

Keywords: Posbindu PTM, Website, Laravel, Tenggayun Village