RANCANG BANGUN SISTEM INFORMASI POSYANDU LANSIA BERBASIS WEB PADA POSYANDU LANSIA TETAP SEGAR

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ABSTRAK

Pengadaan layanan kesehatan pada setiap bulannya berfungsi untuk memantau kesehatan lansia di wilayah RW 04 guna mencegah kemungkinan munculnya penyakit dan komplikasi dari proses penuaan. Di Posyandu Lansia Tetap Segar, proses pencatatan dan pelaporan data kesehatan masih dilakukan secara manual melalui media kertas sehingga rentan adanya kesalahan baik dalam penulisan maupun terkait fisik kertas yang dilaporkan. Untuk mengatasi hal tersebut, penulis membangun sistem informasi menggunakan metode *waterfall* dan diagram *UML* untuk memodelkan visual dengan *framework* CodeIgniter dan MySQL sebagai *database*nya. Hasil penelitian ini adalah sistem informasi posyandu lansia berbasis website yang dapat mengelola data hingga laporan kesehatan lansia beserta dokumentasi kegiatan. Penulis berharap setelah sistem informasi posyandu lansia ini dikembangkan, dapat mempermudah kader posyandu lansia dalam mencatat dan melaporkan data kesehatan, nakes Puskesmas Kelurahan Jati Padang yang menangani lansia, dan petugas pokja 4 Kelurahan Jati Padang dalam memantau kesehatan lansia.

Kata kunci: Posyandu, Lansia, Sistem Informasi, Pencatatan, Pelaporan

DESIGN WEB-BASED INFORMATION SYSTEM OF ELDERLY POSYANDU AT POSYANDU LANSIA TETAP SEGAR

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ABSTRACT

Provision of health services every month functions to monitor the health of the elderly in the RW 04 area in order to prevent possible diseases and complications from the aging process. At the Stay Fresh Elderly Posyandu, the process of recording and reporting health data is still done manually through paper media so it is prone to errors both in writing and related to the physical paper being reported. To overcome this, the authors built an information system using the waterfall method and UML diagrams for visual modeling with the CodeIgniter framework and MySQL as the database. The results of this study are a website-based information system for the elderly posyandu that can manage data and report health records for the elderly with documentation of activity. The author hopes that after the elderly Posyandu information system is developed, it can make it easier for elderly posyandu cadres to record and report health data, the Jati Padang Village Health Center staff who handle the elderly, and Jati Padang Village Pokja 4 officers in monitoring the health of the elderly.

Keyword: *Integrated Healthcare Centre, Elderly, Information System, Recording, Reporting*