

# SISTEM INFORMASI KESEHATAN LANSIA BERBASIS WEB (Studi kasus: Posyandu Lansia Sari Mulyo Desa Jagalan)

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## Abstrak

Lansia merupakan kelompok usia yang rentan terhadap berbagai penyakit degeneratif sehingga memerlukan pemantauan kesehatan secara berkala. Namun, pencatatan data kesehatan lansia di Posyandu Sari Mulyo, Kelurahan Jagalan, masih dilakukan secara manual, yang menimbulkan risiko kehilangan data dan ketidakteraturan informasi. Oleh karena itu, dalam tugas akhir ini dikembangkan sistem kesehatan lansia berbasis web yang dapat membantu kader dan petugas posyandu dalam mendata informasi lansia, keluhan kesehatan, riwayat pemeriksaan, serta hasil kunjungan. Sistem ini dibangun menggunakan framework Laravel dan menggunakan template AdminLTE untuk antarmuka pengguna. Fitur utama meliputi pengelolaan data lansia, riwayat kesehatan, laporan kunjungan, serta pencetakan laporan dalam format PDF. Hasil implementasi menunjukkan bahwa sistem mampu menyajikan data secara sistematis, mempermudah pencarian informasi lansia, serta meningkatkan efisiensi pelayanan posyandu. Sistem ini juga dilengkapi fitur publik yang memungkinkan masyarakat untuk mencari data lansia dan melihat laporan kunjungan tanpa harus login.

Kata Kunci: lansia, posyandu, sistem informasi, Laravel, kesehatan.

# **WEB-BASED ELDERLY HEALTH INFORMATION SYSTEM**

**(Case study: Posyandu Elderly Sari Mulyo Jagalan Village)**

## **ABSTRACT**

The elderly represent a demographic that is particularly vulnerable to various degenerative diseases, necessitating regular health monitoring. However, the recording of health data for the elderly at the Sari Mulyo Integrated Health Post (Posyandu) in Jagalan Village is still conducted manually, which poses a risk of data loss and inconsistencies in information. To address this issue, this final project developed a web-based elderly health system designed to assist cadres and Posyandu staff in recording information about the elderly, including health complaints, examination history, and visit outcomes. This system was built using the Laravel framework and employs the AdminLTE template for its user interface. Key features include the management of elderly data, health history, and visit reports, as well as the ability to print reports in PDF format. The implementation results demonstrate that the system effectively presents data systematically, facilitates the retrieval of elderly information, and enhances the efficiency of Posyandu services. Additionally, this system features a public component that enables users to search for elderly data and view visit reports without requiring a login.

**Keywords:** elderly, Posyandu, information system, Laravel, health.