

***DESIGN OF A WEB AND MOBILE BASED DATA MANAGEMENT  
APPLICATION FOR TODDLER HEALTH POSTS AT THE SERUNI  
MLANDINGAN KULON HEALTH POST***

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***ABSTRACT***

*Posyandu Seruni in Mlandingan Kulon Village faces challenges in recording and managing infant and toddler health data, which are still conducted manually, leading to a high risk of errors, data duplication, and difficulties in report preparation. To address these issues, a web- and mobile-based information system was designed through the PKM-PM program. The web platform is intended to assist midwives and Posyandu cadres in data recording and management, while the mobile application is designed to facilitate parents in accessing child health information. This final project report focuses on system design and user interface (UI/UX) design as the main aspects of system development. The activity methods include observation and interviews as the basis for system and UI/UX design using Figma, followed by socialization and training for midwives, cadres, and parents, as well as evaluation to assess user satisfaction and system usability. The evaluation results indicate that the system meets user needs, as evidenced by a 100% satisfaction rate among midwives and cadres, and a 99% usability score among parents. These findings demonstrate that the designed interface is easy to understand, supports real-time access to health information, and improves data management effectiveness and user participation. The implementation of UI/UX principles in this Posyandu system provides a positive user experience and has the potential to become a solution for digitalizing child health data management at Posyandu Seruni.*

**Keywords:** *UI/UX, Posyandu, Digitalization, Health Apps*