INTISARI

SISTEM INFORMASI POSYANDU BERBASIS WEBSITE MENGGUNAKAN METODE EXTREME PROGRAMMING (STUDI KASUS: POSYANDU DI KELURAHAN YOSOMULYO KOTA METRO)

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Pos Layanan Terpadu (Posyandu) yang merupakan tempat pelayanan dan pemantauan perkembangan balita yang dilakukan melalui pelayanan bulanan di posyandu, adanya pemantauan pertumbuhan balita ini sangat penting dilaksanakan untuk mengetahui perkembangan balita dari bulan ke bulan. Posyandu di Kelurahan Yosomulyo ini masih menggunakan metode manual, yaitu proses pencatatan dan pengolahan data tumbuh kembang balita, pemberitahuan jadwal pengecekan selanjutnya dilakukan kader posyandu masih secara tertulis di buku laporan posyandu, dan sering mengalami kesulitan dalam proses pencarian data dan menemukan data yang ganda, sehingga kader Posyandu sering melakukan kesalahan dalam pencatatan data saat membuat laporan Posyandu bulanan sehingga laporan yang dihasilkan tidak tepat. Perancangan sistem informasi Posyandu di Kelurahan Yosomulyo menggunakan metode extreme programming dengan pengembangan sistem yang meliputi perencanaan, perancangan, pengkodean, pengujian, retrospektif. Dalam menentukan analisis kebutuhan pada sistem ini menggunakan model *Unified Modeling Language (UML)* yaitu *Activity Diagram, Use case Diagram* Dan *Class Diagram.* Aplikasi ini mengahasilkan suatu informasi data posyandu, orang tua, dan data balita yang dapat di lihat oleh user dan admin posyandu, adanya rancangan pembangunan sistem informasi posyandu berbasis web menggunakan metode extreme programming dapat mempermudah petugas untuk mendata pada posyandu.

Kata kunci : Posyandu, website, extreme programming, retrospektif, UML

SUMARRY

***WEB-BASED POSYANDU INFORMATION SYSTEM USING EXTREME
PROGRAMMING METHOD
(CASE STUDY: YOSOMULYO POSYANDU, METRO)***

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Integrated Services Post (Posyandu) is a place for service and monitoring the development of toddlers through monthly services at the Posyandu Office, this growth monitoring of toddlers is necessary to know the development of toddlers from month to month. Posyandu Yosomulyo is currently still manually writing notes on the growth and development of toddlers as well as a recorded notification schedule for the next toddler checks, through a report book carried out by Posyandu cadres. The problem is, Poyandu experienced difficulties in the process of searching for data, as well as duplicate data sometimes found in the report book, therefore Posyandu cadres often make mistakes in recording data while recording monthly Posyandu reports, thus the reports are not accurate. The development of the information system Posyandu at Yosomulyo used extreme programming methods which include planning, designing, coding, testing, and retrospective. The analysis of the system is using unified modeling language (UML), which includes an activity diagram, use case diagram, and class diagram.This application provides Posyandu information data, parents data, and toddler data that can be accessed by Posyandu users and admins, the design of a web-based Posyandu information system development using extreme programming methods is successfully easier for officers to process Posyandu data.

Keyword : *Posyandu, website, extreme programming, retrospective, UML*