

# PERANCANGAN *DASHBOARD* STANDAR PELAYANAN MINIMAL KESEHATAN BALITA DI PUSKESMAS GAMPING II

Ishlah Maulana Farhan<sup>1</sup>, Dwi Nugroho<sup>2</sup>, Rizky Yuspita Sari<sup>3</sup>

## INTISARI

**Latar Belakang:** Pemantauan indikator Standar Pelayanan Minimal (SPM) Kesehatan Balita merupakan bagian penting dari layanan primer di puskesmas. Namun, dalam pencatatan dan pelaporan data SPM seperti imunisasi, vitamin A, dan penimbangan masih menghadapi tantangan seperti data yang tidak *real-time*. Hal ini menyulitkan petugas dalam melakukan analisis capaian dan menyusun rencana tindak lanjut berbasis data. Inovasi berbasis teknologi informasi, seperti *dashboard* interaktif, diperlukan untuk meningkatkan efisiensi dan efektivitas pemantauan layanan balita.

**Tujuan Penelitian:** Penelitian ini bertujuan merancang *dashboard* interaktif untuk memantu dan mengevaluasi capaian indikator SPM kesehatan balita di Puskesmas Gamping II berdasarkan kebutuhan pengguna.

**Metode Penelitian:** Penelitian ini menggunakan pendekatan *Research and Development* (R&D) dengan model *User Centered Design* (UCD). Data dikumpulkan melalui wawancara semi-struktur, *Focus Group Discussion* (FGD), serta evaluasi menggunakan kuesioner *System Usability Scale* (SUS).

**Hasil Penelitian:** Hasil wawancara dan FGD menunjukkan bahwa petugas membutuhkan visualisasi data yang sederhana, mudah diakses, serta dapat difilter berdasarkan bulan dan kelurahan. *Dashboard* yang dikembangkan mampu menampilkan indikator seperti imunisasi dasar, vitamin A, imunisasi dasar lanjutan dalam bentuk grafik interaktif berbasis *Google Data Studio*. Evaluasi terhadap 9 responden menghasilkan skor rata-rata SUS sebesar 65, yang termasuk kategori "*Marginal*" dan menunjukkan sistem cukup diterima.

**Kesimpulan:** *Dashboard* ini terbukti sesuai kebutuhan pengguna dan mendukung efisiensi pelaporan. Disarankan agar *dashboard* dikembangkan lebih lanjut dan diintegrasikan dengan sistem puskesmas secara menyeluruh.

**Kata Kunci:** *Dashboard, Kesehatan Balita, User Centered Design, Focus Group Discussion, System Usability Scale*

---

<sup>1</sup>Mahasiswa Program Studi Rekam Medis dan Informasi Kesehatan (D-3) Universitas Jenderal Achmad Yani Yogyakarta

<sup>2</sup>Dosen Program Studi Rekam Medis dan Informasi Kesehatan (D-3) Universitas Jenderal Achmad Yani Yogyakarta

<sup>3</sup>Dosen Program Studi Rekam Medis dan Informasi Kesehatan (D-3) Universitas Jenderal Achmad Yani Yogyakarta

# DESIGN OF A DASHBOARD FOR MINIMUM SERVICE STANDARDS OF CHILD HEALTH AT GAMPING II COMMUNITY HEALTH CENTER

Ishlah Maulana Farhan<sup>1</sup>, Dwi Nugroho<sup>2</sup>, Rizky Yuspitas Sari<sup>3</sup>

## *ABSTRACT*

**Background:** Monitoring the indicators of the Minimum Service Standards (SPM) for child health is an essential part of primary healthcare service at the community health center (puskesmas). However, the recording and reporting processes of SPM indicators such as immunization, vitamin A supplementation, and child weighing still face challenges, particularly the lack of real-time data. This condition hampers health workers in analyzing coverage and planning appropriate data driven follow up action. Technological innovations, such as interactive dashboards, are needed to improve the efficiency and effectiveness of service monitoring.

**Objective:** This study aims to design an interactive dashboard to support the monitoring and evaluation of child health SPM indicators at Puskesmas Gamping II based on user needs.

**Methods:** The study employed a research and development (R&D) approach using a user centered design (UCD) model. Data were collected through semi-structured interviews, focus group discussion (FGD), and an evaluation using the system usability scale (SUS) questionnaire.

**Results:** Findings from interview and FGDs revealed that users required a simple, accessible data visualization system that can be filtered by month and sub-district. The developed dashboard displays indicators such as basic immunization, vitamin A supplementation, and follow up immunization in interactive graphich using Google Data Studio. The usability evaluation involving 9 respondents yielded an average SUS score of 65, categorized as “Marginal”, indicating that the system is fairly acceptable.

**Conclusion:** The dashboard aligns with user needs and supports more efficient reporting. Further development and integration with existing puskesmas.

**Keyword:** *Child Health, Dashboard, Focus Group Discussion, System Usability Scale, User-Centered Design.*

---

<sup>1</sup>Student of Health Information and Medical Record Program, Universitas Jenderal Achmad Yani Yogyakarta

<sup>2</sup>Lecturer of Health Information and Medical Record Program, Universitas Jenderal Achmad Yani Yogyakarta

<sup>3</sup>Lecturer of Health Information and Medical Record Program, Universitas Jenderal Achmad Yani Yogyakarta