

DESIGNING A HEALTH INFORMATION RELEASE INTERFACE AT NUR HIDAYAH HOSPITAL BANTUL

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ABSTRACT

Background: Digitalization in the healthcare sector is key to transforming and strengthening healthcare services. In line with this, the Minister of Health has mandated the implementation of Electronic Medical Records (EMR) for all healthcare facilities. A preliminary study conducted indicates that the process of releasing health information at Nur Hidayah Hospital in Bantul has not yet been digitized. This has led to several complaints and issues, namely the possibility of repetitive processes during verification of draft documents to be released, a manual system that can not handle urgent health information releases, and suboptimal archiving.

Objective: This study aims to produce an interface design for health information release at Nur Hidayah Bantul Hospital.

Methods: This study employed the Research and Development (R&D) method with qualitative and quantitative approaches. The interface design was developed using the Software Development Life Cycle (SDLC) Prototype method.

Results: The interface design for the release of health information at Nur Hidayah Hospital in Bantul is tailored for two user groups: PMIK and DPJP, who are the authorized personnel responsible for the release of health information. The interface design was developed to address existing complaints and issues while meeting user needs. The usability evaluation of the interface design used the System Usability Scale (SUS) method, yielding a score of 89.375, which places it in the “best imaginable,” “acceptable,” “promoter,” and Grade A categories.

Conclusion: The interface design for health information release at Nur Hidayah Bantul Hospital is in accordance with the service workflow and user needs, and is expected to address the existing complaints and problems.

Keywords: Health Information Release, Medical Records, Interface Design, Hospital, SDLC Prototype.

PERANCANGAN DESAIN *INTERFACE* PELEPASAN INFORMASI KESEHATAN DI RUMAH SAKIT NUR HIDAYAH BANTUL

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ABSTRAK

Latar Belakang: Digitalisasi dalam bidang kesehatan merupakan kunci transformasi untuk memperkuat layanan kesehatan. Sejalan dengan hal tersebut, Menteri Kesehatan mewajibkan implementasi Rekam Medis Elektronik (RME) bagi setiap fasilitas pelayanan kesehatan. Studi Pendahuluan yang dilaksanakan menunjukkan bahwa pelayanan pelepasan informasi kesehatan di Rumah Sakit Nur Hidayah Bantul belum terdigitalisasi. Hal itu menimbulkan beberapa keluhan dan permasalahan, yaitu kemungkinan proses berulang pada saat verifikasi *draft* yang akan dilepas, sistem manual yang belum dapat menangani pelepasan informasi kesehatan bersifat *urgent*, dan pengarsipan yang belum maksimal.

Tujuan: Penelitian bertujuan untuk menghasilkan desain *interface* pelepasan informasi kesehatan di Rumah Sakit Nur Hidayah Bantul.

Metode: Penelitian ini menggunakan metode *Research and Development* (R&D) dengan pendekatan kualitatif dan kuantitatif. Sementara, untuk perancangan desain *interface* menggunakan Metode *Software Development Live Cycle* (SLCD) *Prototype*.

Hasil: Desain *interface* pelepasan informasi kesehatan di Rumah Sakit Nur Hidayah Bantul terbagi untuk dua pengguna, untuk PMIK dan DPJP selaku petugas yang berwenang dalam pelayanan pelepasan informasi kesehatan. Desain *interface* tersebut dibuat dengan menyesuaikan keluhan/permasalahan yang ada dan kebutuhan pengguna. Penilaian *usability* terhadap desain *interface* tersebut menggunakan Metode *System Usability Scale* (SUS) yang menghasilkan skor 89,375 yang berarti telah masuk dalam kategori *best imaginable*, *acceptable*, *promoter*, dan *Grade A*.

Kesimpulan: Desain *interface* pelepasan informasi kesehatan di Rumah Sakit Nur Hidayah Bantul sudah sesuai dengan alur pelayanan, kebutuhan pengguna, dan diharapkan dapat menangani keluhan/permasalahan yang ada.

Kata Kunci: Pelepasan Informasi Kesehatan, Rekam Medis, Desain *Interface*, Rumah Sakit, SDLC *Prototype*.