

ABSTRAK

Perkembangan sistem informasi di lingkungan rumah sakit mendorong terciptanya solusi digital untuk meningkatkan efisiensi pelayanan, khususnya dalam *monitoring* fasilitas. Penelitian ini mengembangkan SIMONFAST, sebuah aplikasi website untuk pelaporan kerusakan fasilitas di Instalasi Rawat Jalan dan Geriatri Rumah Sakit Mohammad Hoesin Palembang. Sistem ini dibangun menggunakan teknologi PHP dan MySQL dengan pendekatan metode waterfall, menyediakan fitur utama berupa pelaporan digital kerusakan fasilitas, *monitoring* status perbaikan secara *real-time*, penugasan otomatis ke teknisi, dan integrasi notifikasi melalui *Telegram*. Hasil pengujian black-box menunjukkan sistem berfungsi optimal dengan antarmuka responsif yang kompatibel di berbagai perangkat. SIMONFAST berhasil memangkas waktu pelaporan sekaligus meningkatkan akurasi dokumentasi kerusakan fasilitas. Implementasi sistem ini membuktikan efektivitas solusi berbasis website dalam mendukung transformasi digital di fasilitas kesehatan.

Kata Kunci: SIMONFAST, pelaporan kerusakan, *monitoring* fasilitas, rumah sakit, *website*, Instalasi Rawat Jalan dan Geriatri, sistem informasi

ABSTRACT

The advancement of information systems in hospital environments has driven the creation of digital solutions to enhance service efficiency, particularly in facility monitoring. This research develops SIMONFAST, a web-based application for reporting facility damage at the Outpatient and Geriatric Installation of Mohammad Hoesin Hospital Palembang. The system is built using PHP and MySQL technologies with a waterfall method approach, providing key features such as digital reporting of facility damage, real-time repair status monitoring, automated technician assignment, and Telegram notification integration. Black-box testing results indicate that the system operates optimally with a responsive interface compatible across various devices. SIMONFAST successfully reduces reporting time while improving the accuracy of facility damage documentation. The implementation of this system demonstrates the effectiveness of web-based solutions in supporting digital transformation within healthcare facilities.

Keywords: SIMONFAST, damage reporting, hospital, facility monitoring, web-based application, Outpatient and Geriatric Installation, information system