



PROSIDING

SEMINAR NASIONAL SISTEM INFORMASI

PERAN SISTEM INFORMASI DALAM EKONOMI KREATIF
SEBAGAI ELEMEN PENINGKATAN DAYA SAING INDONESIA

PPI - 9 AGUSTUS 2018



FAKULTAS TEKNOLOGI INFORMASI
UNIVERSITAS MERDEKA MALANG



ANALISIS DESAIN SISTEM INFORMASI MANAJEMEN (PPI) STUDY KASUS DI RUMAH SAKIT UMM MALANG DENGAN WEB PHP CODEIGNITER

Nelsen Meilendi Gyenfit¹⁾, Ronald David Marcus Mangelo²⁾, Ahmad Rofiqul Muslikh³⁾

¹⁾Program Study Sistem Informasi, FTI, Unmer Malang
Email: nelsenmeilendi@gmail.com

²⁾Program Study Sistem Informasi, FTI, Unmer Malang
Email: ronald.mangelo@unmer.ac.id

³⁾Program Study Sistem Informasi, FTI, Unmer Malang
Email: rofickachmad@unmer.ac.id

Abstrak

Sekarang sistem informasi dan manajemen (SIM) merupakan berbasis computer di rumah sakit (SIMRS) salah satu sarana sangat penting. Dengan aspek pencegahan dan penanggulangan infeksi (PPI) di rumah sakit RS UMM dengan proses monitoring terhadap pasien dan pegawai. Dengan adanya SIM RS UMM pada sistem monitoring PPI maka lebih efektif dan efisien pada proses pengelolaan data surveilen serta dapat mempersingkat waktu. dengan menggunakan metode perancangan sistem seperti metode pengambilan data dengan observasi, interview dan studi pustaka. Metode selanjutnya dengan perancangan penelitian dengan menggunakan analisis SWOT, Workflow, Flowchat, dan Use Case. Metode terakhir perancangan desain sistem yaitu Entiti Relationship Diagram, Diagram Dekomposisi Fungsional, Diagram Context dan Data Flow Diagram. Dan menghasilkan SIM RS UMM berbasis Web yang dapat mempermudah monitoring PPI di RS UMM Malang.

Kata kunci: pencegahan dan pengendalian infeksi, sistem informasi manajemen..

Abstract

Now an integrated information system for the management of (a driving license) is computer based received treatment at a hospital (simrs) one of the facilities for that it is extremely important .By the aspect of prevention and tackling infection (the ppi) in the house of hospitals while the agency reported umm with the process of monitoring to the patient and workers home .By the presence of a driving license rs umm on a system monitoring the ppi then there will be more effective and efficient to the process the management of the data surveilen and is feasible to be shorten the time . By using the method and design through to system such as data collection method with the observations , the interview and the literature study .A method of hold out and win through and design through to research with the use it is anticipated that analysis swot , workflow , flowchat , and use case .A method of terakhir and design through to a design systems which is the entity relationship a diagram , a diagram of the decomposition of functional , a diagram of the context and data flow a diagram .Of coals and who produces a driving license rs umm web based that can be have been used to simplify monitoring the ppi at the hospital umm miserable and to be pitied .

Keywords: infection prevention and control, management information system.