

OPTIMIZING SYSTEM INFORMATION DESIGN FOR HOSPITALIZED USING COMBINATION OF DFD – ERD AND USER INTERFACE

(Case Study : Rumah Sakit Ibu dan Anak Budhi Jaya Jakarta)

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ABSTRACT

In the information era, competence and skill in processing data into ready to use information becomes necessary. Special hospital for pregnancy care and as a center for inpatient of giving birth mother require specific information system for handling patient data. The main problem in a hospital is the difficulty of medical doctor and medical staff in using computer as a media for entering data or creating reports. Conventional approach of classic database development is using DFD – ERD. To overcome problems when using this approach, taking into account user interface may enrich the design process. In this case study, impact of the approach for the developed system using DFD – ERD only compared to the same system with user interface. The fact shows that the user interface enriched approach provides operational easiness.

Keyword(s): Information system, Hospital, Inpatient

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