ABSTRACK

Development of application Interface design incompleteness of filling medical records (KLPCM) Web-based inpatient at Tiris Health Center, Probolinggo Regency. Andini Lintang Purnamasari (2024), Final Project Report, D3 Study Program medical records and Health Information, Ministry of Health Polytechnic Malang, supervisor : Rahmadyo Yudhi P, S.Kom, MT, Examiner: Avid Wijaya, S.ST., M. K. M.

***Background**: the management of inpatient medical records at the Tiris Health Center still relies on spreadsheets so that incomplete monitoring and follow-up are often late. This has an impact on the smooth reporting and quality of Service. A web-based solution design is needed to efficiently monitor, alert, and recap KLPCM. **Research methods:** using a User-Centered Design approach through the stages of Understand Context of Use, Specify User Requirements, Design Solutions, and Evaluation Against Requirements. The instruments used include interviews, workflow observations, and system Usability Scale (SUS) questionnaires to medical records and PPA officers. **Results:** generated web-based interface design with patient search feature, KLPCM form, completion tracking by PPA, percentage and completeness chart, Deadline Reminder, and report export (PDF/Excel). Prototypes demonstrate ease of use, Display consistency, and support monitoring, making analysis and reporting faster. Usability testing using SUS is in the acceptable category with very good ratings. **Conclusion:** the web-based KLPCM interface design should be implemented as the basis for application development to improve operational efficiency, monitoring accuracy, and quality of inpatient medical record document management at Tiris Health Center.*

***Keywords:** interface design, KLPCM, medical record, inpatient, web application, usability, SUS.*