Analysis of the Hospital Management Information System for Outpatient Registration Using the PIECES Method at RSU Srikandi IBI Jember

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ABSTRACT

RSU Srikandi IBI Jember is supported by the implementation of SIMRS since 2014. SIMRS used by RSU Srikandi IBI Jember is a desktop-based information system application. Preliminary analysis found various problems related to SIMRS at RSU Srikandi IBI Jember, such as output from SIMRS, lack of training, and technical problem as downtime and loading sistem. This research aimed to analyze SIMRS outpatient registration using the PIECES method. The type of research was qualitative. Data collection techniques used interviews, observation and documentation. The results of the research obtained information that SIMRS based on the performance aspect does not yet have a menu or feature for reporting patient visits per clinic, the options on the sub-district/village menu are still not in accordance with sub-district specifications, the information aspect The resulting data is accurate according to what is input but does not provide information regarding the date of the last visit of the registered patient. The Economic Aspect of SIMRS has produced economic value, the control aspect is related to system integration and security, the Efficiency Aspect has provided efficiency in its implementation, the Service Aspect has provided convenience for users, but there are still shortcomings related to the implementation of SIMRS. Suggestions from this research, namely IT officers / developers can add a menu or feature of patient visit reports per poly, automatically when printing labels, warning feature of the last date of patient visit on data search, automatic logout feature so that it can help maintain the security of each user and minimum password.

Keywords *: Hospital, PIECES, SIMRS*