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Automation Reporting Bed Efficiency using Verification and Validation Method

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ABSTRACT

Lack of information regarding the effectiveness of beds can lead to long waiting times and even patient rejection, thereby hampering hospital health services, especially the Resid internal medicine department. The existence of an efficient system using electronic beds is seen as a solution that also makes the inpatient service process more efficient. The research aims to create an electronic bed availability system that meets hospital needs. This study used a qualitative method with the verification and validation model as a development method which was chosen because it is suitable for rapid system development, so that adjustments are easier because the hospital can contribute to system development. Inpatient information system indicators generate reports on Bed Occupancy Rate, Length of Stay, Turn Over Interval and Bed Turn Over Interval of bed availability, daily census, daily reports, monthly reports, and all reports. Based on the research results, it is known that the system that runs in health service facilities, in this case the hospital, has a significant influence on service quality, certainly, the research carried out in the health sector has implications. Namely, a computerized system significantly contributes to the quality of health services.

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