Analysis of Electronic Medical Record Acceptance in Inpatient Units Using The Technology Acceptance Model (TAM) Method at dr. Soebandi Regional Hospital Jember

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ABSTRACT

dr. Soebandi Regional Hospital in Jember has implemented RME in its inpatient units since November 2024, and only two of its 15 wards are still using it. Challenges include several forms not functioning properly, and the RME's inability to provide data for reporting purposes. Based on these issues, an acceptance analysis using theTechnology Acceptance Model(TAM). Type of quantitative research with an approachcross sectionalwith testspearman rank. The results of the identification of user-friendliness variables show that 96% think that RME is easy to learn, 93% think that RME makes it easier for users to achieve their goals, 94% think that information on RME is clear and easy to learn, 95% think that RME is flexible, 83% think that RME is free from difficulties, and 90% think that RME is easy to use. The usefulness perception variable shows that 95% think that RME can speed up their work, 92% think that RME can improve performance, 96% think that RME can improve productivity, 97% think that RME can improve work effectiveness, 95% think that RME can make work easier and 98% think that RME is useful. The technology user acceptance variable shows that 96% Respondents accept the implementation of RME. There is a weak significant relationship between Perceived Ease of Use and Perceived Usefulness, with a coefficient value of 0.192** and a significance value of 0.006. There is a very strong significant relationship between Perceived Usefulness and IT Acceptance, with a coefficient value of 0.823** and a significance value of 0.000. There is a very strong significant relationship between Perceived Ease of Use and Acceptance with a coefficient value of 0.716** and a significance value of 0.000. The suggestion from this study is that the hospital needs to conduct routine evaluations, develop features that are not yet functional and provide training, especially for PPA who have not yet used RME.

Keywords: Hospital, RME, TAM, Admission