

***Evaluating Health Information System using End User Computing Satisfaction
Method in Puskesmas Kunir Lumajang***

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ABSTRACT

Puskesmas Kunir is currently using SIMPUS in the form of a Health Information System (HIS) in assisting the process of services provided to patients since 2015. However, in its application, there are still some obstacles, including the system that often has errors and the reporting format is not in accordance with the request of the Lumajang Health Office. Based on information from the Lumajang Health Office, the Health Information System (HIS) will be evaluated every month and will be developed annually. The current HIS is still desktop-based and in the process of being developed towards web-based. This study aims to evaluate the Health Information System (HIS) based on user satisfaction by using the End User Computing Satisfaction method (content, accuracy, format, ease of use, timeliness) at Puskesmas Kunir Lumajang. This study was a quantitative analytic study with a cross sectional study design. Data analysis was performed univariate and bivariate by using Ordinal Logistic Regression test to determine the effect between EUCS variable. The results of this study show that the content variable affects usage satisfaction with a sig value of 0.037, accuracy affects usage satisfaction with a sig value of 0.001, format affects usage satisfaction with a sig value of 0.007, ease of use affects usage satisfaction with a sig value 0.000, and timeliness affects usage satisfaction with a sig value of 0.000. By this research, the researcher that Lumajang Health Office needs to improve the SIK in terms of color combination and layout in order to serve a more attractive interface, and adjusts the reporting format in SIK with the Lumajang Health Office needs.

Key words: *Health Information System, Puskesmas, Lumajang Health Office, EUCS.*