ABSTRACT

Nama   : *Agung Pratama*

Program Studi   : *Bachelor Degree of Health Information Management*

Judul   : *Analysis of Factors Affecting the Data Quality of Online Hospital Information Systems (HIS) with the PRISM Framework*

Information technology factors as supporting health services have an important role to improve the efficiency of health services, especially for hospitals. One government program that utilizes information technology is the Hospital Information System (HIS) online. Technically, the implementation of HIS online is intended for all hospitals throughout Indonesia by reporting the recapitulation of their service activities. The reporting data must be reported with due dates, completeness, and good accuracy to assist policy making, and it can be said that the data have a quality. There are methods for measuring quality data, one of which is the PRISM framework. Some research studies based on the PRISM framework, but researcher have not found similar studies in Indonesia. The purpose of the study intends to find out the factors that influence data quality with the PRISM framework. This type of research is a quantitative study with a cross-sectional study design. The population of this research are; a) Secondary data of HIS online reporting data around 2798 data. b) The results of distributed questionnaires around 100 data from respondents. Samples were taken from the results of merging secondary data and questionnaire data resulting 78 samples. The data analysis technique used is the SEM-PLS analysis technique with the PRISM framework model. Based on the results of testing and analysis there are 3 hypotheses that do not significantly influence each other, which are technical factor on behavioral factor, technical factor on RHIS process, and behavioral factor on RHIS process. While hypotheses that significantly influence are organizational factor on behavioral factor, organizational factor on RHIS process, and RHIS process on data quality. Not all research variables have a significant effect on the PRISM framework in HIS Online. of the 6 variables there are 3 which have a significant influence. Organizational factors and RHIS process are key in utilizing quality HIS Online data.

Keywords: Data Quality, PRISM Framework, HIS Online