

ABSTRACT

Installation SIMRS (Hospital Information Management System) is a unit at the Specialty Hospital for Mother and Children (RSKIA) Bandung in charge of Information Systems and Information Technology (IS/IT) that is used by the hospital. Until now Installation SIMRS of RSKIA Bandung has implemented several ISs/ITs that help the hospital business processes, those are SIMRS (Hospital Information Management System), SIMETRIS (Hospital Queue Management System), Website, Digital Signage RSKIA (System that provides hospital information in the form of LCD monitors in the waiting room of patients), and Hospital Security Systems with CCTV. This study intends to evaluate the implementation of IS/IT on various aspects of internal and external RSKIA using *Ward and Peppard* method.

Ward and Peppard approach includes four aspects of analysis. These aspects are internal business environment analysis, external business environment analysis, environment analysis of internal IS/IT and environmental analysis of external IS/IT. Before starting all stages of this analysis the author collected some data and information about RSKIA through interviews, some government regulations such as Regulation Mayor (Perwal) Bandung No. 76 Year 2011 on Main Duties, Functions, Detail Duties and Working Procedures in RSKIA Bandung, Perwal Bandung No. 94 Year 2012 on Technical Management about Financial Management of Regional Public Service Board In RSKIA Bandung, and LKIP (performance reports of government agency) RSKIA Year 2014.

The next step is analyzing 4 aspects above, each analysis is supported by some analysis tools. Internal business environment analysis and external business environment analysis use SWOT analysis and value chain analysis tool. As for the environmental analysis of internal and external IS/IT use SWOT analysis tool and Mc Farlan Grid.

The end result of the above analysis is information system strategic plan for RSKIA. This plan is written in a document of information system strategic planning (ISSP). In this document there are recommendations related to strategic business processes, IS/IT strategies, and human resource management strategies in the form of recommendations such as *databases*, application systems, as well as hardware and networks for the future.

After implementation, the final step of this study is testing. Testing document is done by using Enterprise Architecture Score Card (EASC). Based on test results with EASC, the ISSP document gets an average score of 88.57%. That score indicates that the ISSP document is feasible to be implemented on RSKIA.

Keywords : strategic planning of information system, hospital information system, Ward and Peppard method, RSKIA Bandung city