

## **ABSTRACT**

*Hospital Management Information System (SIMRS) is an information technology system that functions to integrate the flow of hospital service processes in the form of a coordination network, reporting, in the form of a coordination network for administrative procedures to obtain precise and accurate information, and is part of a health information system. SIMRS RSUD AL-IHSAN is an application at the hospital that must be supported by software and hardware. At AL-IHSAN Hospital Bandung using SIMRS in operational activities, especially in the accounting and finance department, has an important role in the continuity of the hospital with activities carried out such as, recording all financial reports in activities in the hospital, recording accounts payable, balance reports, budget realization reports, inventory unit sales, bill payments. The number of activities using SIMRS and manuals carried out by the accounting and finance departments is not free from risks that have an impact on hospitals. Realizing the importance of these activities, accounting and finance parties need to carry out risk management management that aims to reduce the impact and eliminate risks as well as provide solutions to the risks that occur using the management standards of the International Standard Organization (ISO) 31000:2018. Based on the research conducted, 22 risks were identified. The possibilities include, 1 with the Logical Attacks category, 1 with the IT Investment Decision Making risk category, 1 with the IT Expertise and Skill category, 3 with the Software category, 3 with the Information category, 3 with the Infrastructure category and 10 with the Operation Staff / Human category. Error. Then from the risk analysis, it produces 3 risks with a very low level, 11 risks with a low level and 8 risks with a moderate level. These risks are evaluated to be given treatment in the form of risk mitigation totaling 11 risks that exceed risk appetite and are given recommendations and controls based on 7 enablers using COBIT 5 For Risk.*

**Keywords: Risk Management, ISO 31000:2018, SIMRS, Hospital, Accounting and finance.**