

ABSTRACT

RISK ANALYSIS AND INFORMATION SECURITY CONTROL DESIGN IN HOSPITAL MANAGEMENT INFORMATION SYSTEM BILLING MODULE USING OCTAVE ALLEGRO METHOD

***(CASE STUDY: SPECIAL HOSPITAL FOR MOTHER AND
CHILDREN OF BANDUNG)***

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In this final project, it will be explained that the Special Hospital for mothers and children (RSKIA) in the city of Bandung is a hospital owned by the government that has used or implemented the Hospital Management Information System (SIMRS) from 2014. Security of information systems and asset assets is a matter of the most important in an organization or company. Therefore doing a risk analysis assessment is a way so that the risks that exist in the hospital information system can be handled or minimized. In order for the Special Hospital for Women and Children (RSKIA) in Bandung to continue to improve the quality of services, an information security risk management analysis is carried out using the OCTAVE Allegro method to assess the size of a risk or a threat. and from the risks obtained, control will be given using NIST.SP.800-53.

Keywords : Risk Management, OCTAVE Allegro, RSKIA, SIMRS, Hospital, NIST.SP.800-53