ABSTRACT

System information is one of important part in development Communication and Information Technology. System information is useful for collecting, processing and spreading information. The software that contained in system information has purpose to ease functionality and goal achievement.

The software that's built requires system adjustment. The inappropriate software will have exposure to the system, as the impact system performance is not optimal and stability of the system becomes less. Risk management should be done to optimize the functionality of the system. Many methods or framework that can be used within an organization's risk management information system, such as CMMI (Capability Maturity Model Integration) . CMMI consists of 22 process areas, one of which is the risk management process area (RSKM) . The application process can be done in the area Staged Representation and Continuous Representation (CR) . Continuous Representation made if the application focus to the process area. CR - RSKM CMMI Capability Level is used to measure the application of risk management in an information system.

Identification of risk management and Capability Level measurement can be used as an assessment of the extent to which risk management UPT SISFO Telkom on i-Gracias (Integrated Academic Information System) as well as recommendations for the process of adding , improvement of Risk Management Process.

Keywords : CMMI - RSKM, risk management, i-Gracias, Capability Level, Continuous Representation, UPT SISFO.