

## ABSTRACT

Information System in Direktorat SISFO is one of integration system that connects between academic stakeholders. Every activities inside the system is a crucial thing to execute. The availability is the main priority to support the system to work. But, the possibility of having risk and threat will crash the system from any part, one of them is caused by information technology.

It is necessary to analyze the risks that possibly appear to crash the system. According to the result of the analyzing, it shows the result about the physical assets with its own risks. Information Technology Risk Analysis based on Risk Management using ISO 31000 focus on hardware and network infrastructure for i-Gracias System.

The research purposes is to get the Risk Priority Value based on the measurement process to all identified risk and analyzed. So that in the future, the organization will be able to prevent, handle and fix everything based on the risk priority level.

**Keyword** : Direktorat Sisfo, ISO 31000, Risk Management, Information System, System, i-Gracias.