

## **ABSTRACT**

# **DECISION SUPPORT DASHBOARD DEVELOPMENT FOR MONITORING IMPLEMENTATION MEDICAL EXAMINATION CASE STUDY: PT GARUDA INDONESIA**

**By**

**ALIF NUGROHO**

**NIM : 1202160184**

PT Garuda Indonesia has a Garuda Sentra Medika (SBU GSM) Strategic Business Unit. SBU GSM works closely with the Payroll and HC Information System Unit in carrying out medical examinations for PT Garuda Indonesia employees. Medical examination is an attempt to implement one of PT Garuda Indonesia's Business and Work Ethics. Business ethics and work ethics are to ensure the fulfillment of occupational safety and health of employees by building facilities, implementing occupational safety and health systems that refer to applicable laws and regulations. The law is "Pasal 8 UU Keselamatan Kerja jo. Pasal 1 huruf b Permen 2/1980" regulating the periodic health inspection of workers at companies. In order to carry out medical examinations in accordance with business ethics and work ethics, and to comply with the law, a monitoring process is needed to support decision making regarding the implementation of medical examinations. Therefore, business intelligence is needed to process data related to the implementation of medical examinations. The processed data is visualized in the form of a dashboard to support decision making related to the implementation of medical examinations. The method used in designing the dashboard is the pureshare methodology that is based on some literature and research. The results of this study are the prototype dashboard monitoring design to support decision making related to the implementation of medical examinations. The dashboard has an average graph usability level of 85% and there are 7 charts with low usability problems out of a total of 16 graphs.

**Keywords:** medical examination, business intelligence, dashboard, decision support