

## **ABSTRACT**

# **INFORMATION TECHNOLOGY GOVERNANCE DESIGN OF ELECTRONIC BASED ON GOVERNMENT SYSTEM USING COBIT 5 FRAMEWORK DOMAIN BUILD, ACQUIRE DAN IMPLEMENT (BAI)**

**(Study Case : Department of Communication, Informatics,  
Archive, and Library)**

by

**NIKEN GALUH RAMADHANI**

**1202140034**

*Department* of Communication, Information, Archives and Library can be abbreviated as (DISKOMINFOARPUS) is an institution that manages the government and has tasks in the fields of Communication, Information Technology, Statistics and coding. The Office of Communication, Information Technology, Archives and Library has a mission to improve the quality of the application of good governance through improving the quality of services including e-government services, information services, public communication services and statistical services. To achieve this mission, Governance is needed as a guideline in implementing good governance and in effect an Electronic-Based Government System.

In this study, an assessment of the indicators of Electronic-Based Government Systems and the evaluation of COBIT 5 seven factors on current conditions in the Office of Communication, Information Technology, Archives and Library. Based on the results of the assessment of Electronic Government Systems indicators and

the assessment of the seven enablers needed in the Build, Obtain and Implement (BAI) domain, find several problems such as the absence of policies and SOPs governing the Electronic governance process

In the employment agreement, there is also no application that supports the governance process to increase the level of maturity of the Electronic-Based Government System.

To meet these needs, IT governance in the Communication, Information Technology, Archiving and Library Cimahi municipality is needed in order to create good IT governance and to reach the maturity level of the Electronic Based Government System that is on target. The results of this study are discussion of document design that is expected to be applied to the Office of Communication, Information, Archives and Cimahi City Library.

*Keywords: IT Governance, COBIT 5, domain BAI*