

**INFORMATION TECHNOLOGY PROJECT MANAGEMENT
GOVERNANCE USING COBIT 5 IN CORPORATE INFORMATION AND
SYSTEM TECHNOLOGY (CIST)**

By

Muhammad Nur Kasyfillah Hardjo
2-1851-015



MASTER'S DEGREE
in

MASTER OF INFORMATION TECHNOLOGY
ENGINEERING AND INFORMATION TECHNOLOGY FACULTY

SWISS GERMAN UNIVERSITY



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The Prominence Tower
Jalan Jalur Sutera Barat No. 15, Alam Sutera
Tangerang, Banten 15143 - Indonesia

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Revision After Thesis Defense on July 2021

STATEMENT BY THE AUTHOR

I hereby declare that this submission is my own work and to the best of my knowledge, it contains no material previously published or written by another person, nor material which to a substantial extent has been accepted for the award of any other degree or diploma at any educational institution, except where due acknowledgement is made in the thesis.

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ABSTRACT

INFORMATION TECHNOLOGY PROJECT MANAGEMENT GOVERNANCE USING COBIT 5 IN CORPORATE INFORMATION AND SYSTEM TECHNOLOGY (CIST)

By

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Dr. Ir. Moh. A. Amin Soetomo, M.Sc, Advisor
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The purpose of this study is to measure the level of capability and governance of project management technology management and recommend the application of best practices in the project management. To achieve success in managing the entire project, it is necessary good and neat governance in running or managing the project. Mapping *Project Business Goals to Enterprise Goals*, Mapping *Enterprise Goals on IT Related Goals*, *IT Related Goals Mapping in COBIT 5 Process*, and identifying the *Key Process Practice COBIT 5*. From the mapping there are 9 processes for measurement indicators, namely EDM 02, APO 09, APO 11, BAI 02, BAI 03, BAI 04, BAI 08 and MEA 02. After measuring the level of capabilities of each process, it is known that the overall capability level of each process is level 1 and has a gap of 2 to reach level 3 according to the set target.

Keywords: Project Business Goals, Enterprise Goals, IT Related Goals, COBIT 5, EDM 02, APO 09, APO 11, BAI 01, BAI 02, BAI03, BAI 04, BAI 08, MEA 02



DEDICATION

I dedicated this thesis to :

My beloved parents Mr. Usdek Hardjo and Mrs. Wahida Syamsuddin who
always supporting and praying in success my study

My beloved young brother M. Wafi R P and M. Munadi Al Khairi

My beloved, Trivena Emilia Manalu who always give me enthusiasm,
happiness and good mood to complete this thesis.



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Finally, I realize that this research is far form being perfect. There for, any constructive criticism and suggestion will be gladly accepted.

Tangerang, 28th July 2021

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Muhammad Nur Kasyfillah Hardjo, S.T.

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