

**OPTIMIZING ENTERPRISE ARCHITECTURE VALUE BY DESIGNING
ENTERPRISE ARCHITECTURE GOVERNANCE FRAMEWORK: A CASE
STUDY OF OIL AND GAS COMPANY IN INDONESIA**

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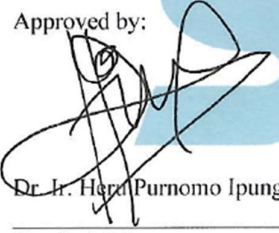
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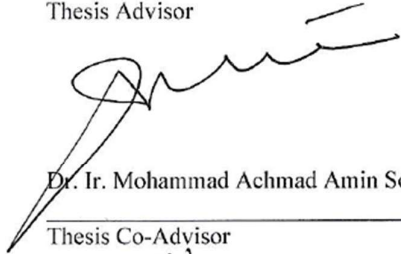
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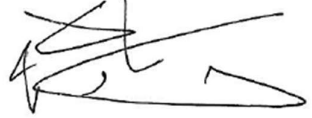
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ABSTRACT

OPTIMIZING ENTERPRISE ARCHITECTURE VALUE BY DESIGNING ENTERPRISE ARCHITECTURE GOVERNANCE FRAMEWORK: A CASE STUDY OF OIL AND GAS COMPANY IN INDONESIA

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The implementation of Enterprise Architecture (EA) at PT. XYZ, an Oil and Gas company in Indonesia, is considered to have not provided optimal benefits for the Company. This is because the current EA implementation focuses on the development of EA artifacts but is not accompanied by clear EA governance. This study aims to evaluate the current EA implementation and the obstacles to EA in providing benefits. The EA Governance Framework will be designed contextually, including its integration mechanism into IT governance. The study uses a qualitative approach with a case study at PT. XYZ. Data was collected through interviews and document analysis, then analyzed using thematic coding and synthesis. The results show that EA is still considered documentation. EA governance components are not yet available and are inhibiting factors in EA value creation. Based on these findings, an EA Governance framework was designed consisting of the EA Organizational Structure and the Integrated Governance Process and Control Framework. The design evaluation resulted in a score of 74.98%, while expert validation confirmed its contextual relevance and provided suggestions for improvement. The study concludes that the proposed framework provides a governance foundation for strengthening the role of EA at PT. XYZ.

Keywords: Enterprise Architecture, Enterprise Architecture Governance, IT Governance, EA Governance Framework, EA Value.



DEDICATION

I dedicate this thesis to my beloved family, for their prayers, love, and support that have always strengthened me throughout this journey, as well as for the advancement of responsible and value-oriented Information Technology governance in Indonesia.



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TABLE OF CONTENTS

	Page
DEDICATION	5
ACKNOWLEDGEMENTS	6
TABLE OF CONTENTS	8
LIST OF FIGURES	11
LIST OF TABLES	12
CHAPTER 1- INTRODUCTION	14
1.1. Background	14
1.2. Problem Statement	18
1.3. Research Objectives	20
1.4. Research Questions	20
1.5. Hypothesis	21
1.6. Significance of Study	21
1.7. Scope and Limitations	22
1.8. Thesis Structure	23
CHAPTER 2- LITERATURE REVIEW	25
2.1. Organizational Context: Introduction to PT. XYZ and The Primary Challenge	25
2.2. Enterprise Architecture: Theoretical Concepts	27
2.2.1. Enterprise Architecture Concepts	27
2.2.2. Enterprise Architecture Implementation Challenge	28
2.2.3. Enterprise Architecture Governance	29
2.3. Information Technology (IT) Governance: Theoretical Concepts	35
2.4. The Interrelation Between EA Governance and IT Governance	36
2.5. EA Governance Research Elements for PT. XYZ Case Study	39
2.5.1. Key Research Elements Identification	39
2.5.2. Possible References to Support the Research	45
2.6. The Overview of Related Standard Frameworks	46
2.6.1. The Open Group Framework (TOGAF) 9.2	46
2.6.2. Zachman	52
2.6.3. Control Objectives for Information and Related Technologies 2019 (COBIT 2019)	53

2.6.4.	The Val IT Framework	60
2.6.5.	Governance of Enterprise IT (CGEIT)	62
2.6.6.	Standard Framework for Research.....	64
2.7.	Review of Previous Academic Studies	70
2.7.1.	Exploring EA Roles and Value Creation	71
2.7.2.	Recent Advances and Cross-Domain Perspectives in Enterprise Architecture Governance	73
2.7.3.	Evaluating EA Governance Framework Design to Optimize EA Value 78	
2.8.	Research Gap and Novelty.....	83
2.9.	Standard and Related Works for Research Model	84
CHAPTER 3- RESEARCH METHODS		92
3.1.	Research Design.....	92
3.1.1.	Type of Research	92
3.1.2.	Research Framework	93
3.2.	Data Collection Approach.....	98
3.3.	Data Analysis Techniques.....	98
3.4.	Evaluation	101
3.5.	Validation.....	107
CHAPTER 4- RESULTS AND DISCUSSIONS.....		110
4.1.	Overview of Results and Discussion	110
4.2.	Data Collection	111
4.2.1.	Summary of Data Collection	111
4.2.2.	Interview and Document Review Results with PT. XYZ.....	112
4.3.	Architecture Vision.....	120
4.3.1.	The Strategic Context	121
4.3.2.	Business Drivers and Stakeholder Concerns	122
4.3.3.	Current Problems	123
4.3.4.	The Architecture Vision Statement.....	123
4.4.	Current Condition of Enterprise Architecture Governance in PT. XYZ ...	128
4.4.1.	Overview of Enterprise Architecture Implementation and Value in PT. XYZ	128
4.4.2.	The Existing Organizational Structure in Supporting EA	131
4.4.3.	Current EA Governance Process and Control	133
4.4.4.	The Correlation of EA Governance with IT Governance and EA Roles 137	

4.5.	Gap Analysis Against Architecture Vision and Implication for EA Governance Framework Design.....	152
4.6.	Enterprise Architecture Governance Framework Design	162
4.6.1.	EA Governance Organizational Structure Framework	163
4.6.2.	EA Governance Integrated Process and Control Framework	176
4.7.	EA Governance Framework Design Evaluation and Validation	199
4.7.1.	Design Evaluation	199
4.7.2.	Design Validation with Expert.....	214
4.7.3.	Implication of Evaluation and Validation Result for the EA Governance Framework Design.....	227
4.8.	Priority analysis for the Implementation of the EA Governance Framework	231
4.9.	Expected EA Governance Condition After Framework Implementation..	237
CHAPTER 5- CONCLUSIONS AND RECOMMENDATIONS		242
5.1.	Conclusions.....	242
5.1.1.	Fulfillment of Research Objective	242
5.1.2.	Answer to Research Question and Proof of Hypotheses	243
5.2.	Recommendations and Future Works	247
5.2.1.	Recommendation for PT. XYZ.....	247
5.2.2.	Future Works and Roadmap	250
APPENDIX 2 – CURRICULUM VITAE OF SUBJECT MATTER EXPERT.....		258
GLOSSARY		261
REFERENCES		262
CURICULLUM VITAE		267

LIST OF FIGURES

Figures	Page
Figure 1.1. Problem Statement.....	19
Figure 2.1. High Level of Key Element of EA Governance Based on Several Previous Studies.....	32
Figure 2.2. The Interrelation Between EA Governance and IT Governance.....	38
Figure 2.3. EA Governance Key Research Elements	44
Figure 2.4. TOGAF Architecture Development Method (ADM) (The Open Group, 2009a)	46
Figure 2.5. Architecture Governance Conceptual Structure Based on TOGAF (The Open Group, 2009a).....	48
Figure 2.6. Architecture Governance Organizational Structure (The Open Group, 2009)	50
Figure 2.7. Zachman Framework (Zachman, 1987)	53
Figure 2.8. Six Principles for a Governance System (ISACA COBIT Introduction & Methodology, 2019).....	54
Figure 2.9. Governance Framework Principles (ISACA COBIT Introduction & Methodology, 2019).....	55
Figure 2.10. Four Ares Perspective Based on Val IT Framework (Val IT Framework, no date).....	61
Figure 2.11. EA Governance Standard Framework as a Guideline	70
Figure 2.12. Research Model	89
Figure 3.1. Research Framework	94
Figure 4.1. The Existing IT Organizational Structure	131
Figure 4.2. EA Organizational Structure Design for IT Functions in PT. XYZ.....	169
Figure 4.3. Integrated Governance Process and Control Framework Design.....	195

LIST OF TABLES

Table	Page
Table 2.1. EA Governance Element Analysis for PT. XYZ Case Study.....	42
Table 2.2. Possible Reference to Support the Research.....	45
Table 2.3. EA Organizational Structure Element (The Open Group, 2009b).....	51
Table 2.4. COBIT 2019 Governance and Management Objectives Used in This Research (ISACA COBIT® 2019, 2019)	58
Table 2.5. Standard Framework Comparison	66
Table 2.6. Critical Review of Key Papers Related to EA Governance Research Methodology and Components.....	75
Table 2.7. Critical Review of Key Papers Related to Evaluating EA Governance Framework	79
Table 2.8. Study/Framework Analysis Tabel for Research Framework.....	85
Table 2.9. EA Role Category and Definition.....	90
Table 3.1. Evaluation Criteria to Assess EA Governance Framework Design	101
Table 3.2. Indicator Scoring Scale.....	105
Table 3.3. Evaluation Scoring Interpretation.....	106
Table 3.4. Validation Aspects Detail	108
Table 4.1. Summary of Data Collection	111
Table 4.2. Interview Results with PT.XYZ	113
Table 4.3. Document Review Results.....	119
Table 4.4. The Architecture Vision as Strategic Direction to Develop EA Governance Framework Design.....	126
Table 4.5. Current EA Governance Process and Control	134
Table 4.6. The mapping of current EA Governance conditions to IT Governance areas and EA Roles	139
Table 4.7. Mapping of EA Roles with Current EA Governance Condition	150
Table 4.8. Gap Analysis Against Architecture Design and EA Governance Requirement.....	154
Table 4.9. Principles for a Governance Framework	163
Table 4.10. EA Organizational Structure Element Mapping with Current Information Technology (IT) Organizational Structure.....	165
Table 4.11. EA Organizational Structure Roles and Responsibility.....	172
Table 4.12. EA Governance Integrated Process and Control	176
Table 4.13. Policy Management and Take On.....	179
Table 4.14. Architecture Compliance	180
Table 4.15. Dispensations	182
Table 4.16. Business Control	184
Table 4.17. Environment Management.....	187
Table 4.18. EA Governance Integration with IT Strategic Planning	189
Table 4.19. EA Governance Integration with IT Investment Prioritization	191
Table 4.20. EA Governance Integration with Implementation and Change Control.....	193
Table 4.21. Gap and Solution Mapping	197

Table 4.22. Design Evaluation.....	200
Table 4.23. Total Evaluation Score.....	213
Table 4.24. Expert Information.....	215
Table 4.25. Summary of design validation results with FGD.....	217
Table 4.26. Implications of Evaluation and Validation Result to EA Governance Framework Design Prior to Operationalization	228
Table 4.27. EA Governance Framework Implementation Prioritization Perspective	231
Table 4.28. Priority analysis for the Implementation of the EA Governance Framework	233
Table 4.29. Expected EA Governance Condition After Framework Implementation	238
Table 5.1. Future Works Indicative Roadmap	254

