

## DAFTAR ISI

ABSTRAK .....	i
<i>ABSTRACT</i> .....	ii
LEMBAR PENGESAHAN .....	iii
LEMBAR PERNYATAAN ORISINALITAS .....	iv
Kata Pengantar .....	v
Daftar Isi .....	vii
Daftar Gambar.....	xii
Daftar Tabel .....	xiv
Daftar Lampiran.....	xvi
Daftar Istilah .....	xvii
Bab I    Pendahuluan .....	1
I.1    Latar Belakang.....	1
I.2    Rumusan Masalah .....	3
I.3    Tujuan Penelitian.....	4
I.4    Batasan Penelitian .....	4
I.5    Manfaat Penelitian.....	4
I.6    Sistematika penulisan .....	5
Bab II    Tinjauan Pustaka .....	6
II.1    Penelitian Terdahulu.....	6
II.2 <i>Enterprise architecture</i> .....	12
II.3 <i>Framework TOGAF</i> .....	13
II.4    Perbandingan <i>Framework Zachman, FEAF, TOGAF</i> .....	15
II.4.1    Kesimpulan .....	17
Bab III    Metodologi Penelitian.....	18
III.1    Sistematika Penyelesaian Masalah.....	18

III.1.1	Fase Persiapan dan Identifikasi .....	19
III.1.2	Fase Analisis dan Perancangan .....	19
III.1.3	Fase Penyelesaian .....	20
III.2	Alasan Pemilihan Metode.....	21
III.3	Pengumpulan Data .....	21
III.4	Pengolahan Data atau Proses Pengembangan Produk / Artifak .....	21
III.5	Metode Evaluasi .....	22
Bab IV	Analisis dan Perancangan .....	24
IV.1	Rekapitulasi Sumber Data .....	24
IV.2	Rencana Strategis .....	25
IV.3	Permasalahan.....	30
IV.4	Preliminary phase.....	30
IV.4.1	<i>Principle Catalog</i> .....	30
IV.5	<i>Architecture Vision</i> .....	33
IV.5.1	<i>Stakeholder Map Matrix</i> .....	33
IV.5.2	<i>Value Chain Diagram</i> .....	38
IV.5.3	<i>Solution Concept Diagram</i> .....	38
IV.5.4	<i>Goal Diagram</i> .....	39
IV.5.5	<i>Goal Catalog</i> .....	40
IV.5.6	<i>Requirement Catalog</i> .....	43
IV.6	<i>Business Architecture</i> .....	44
IV.6.1	<i>Business Footprint Diagram</i> .....	44
IV.6.2	<i>Driver/Goal/Objective/Requirement Catalog</i> .....	45
IV.6.3	<i>Business Interaction Matrix</i> .....	46
IV.6.4	Functional Decomposition Diagram .....	49
IV.6.5	<i>Business Service/Function Catalog</i> .....	49

IV.6.6	<i>Organization/Actor Catalog</i>	51
IV.6.7	<i>Role Catalog</i>	53
IV.6.8	<i>Actor/Role Matrix</i>	56
IV.6.9	<i>Business Process Catalog</i>	58
IV.6.10	<i>Process Flow Diagram</i>	60
IV.6.10.1	<i>Process Flow Diagram Existing</i>	61
IV.6.10.2	<i>Process Flow Diagram Targeting</i>	72
IV.6.11	<i>Gap Analysis Business</i>	80
IV.7	<i>Data Architecture</i>	85
IV.7.1	<i>Data Architecture Requirement</i>	85
IV.7.2	<i>Data Entity/ Data Component Catalog</i>	85
IV.7.3	<i>Application/Data Matrix</i>	89
IV.7.4	<i>Data Entity/Business Function Matrix</i>	91
IV.7.5	<i>Entity Relation Diagram</i>	94
IV.7.6	<i>Class Diagram</i>	94
IV.7.7	<i>Data Dissemination Diagram</i>	95
IV.7.8	<i>GAP Analysis Data</i>	96
IV.8	<i>Application Architecture</i>	98
IV.8.1	<i>Application Requirement Catalog</i>	98
IV.8.2	<i>Application Portfolio Catalog</i>	98
IV.8.3	<i>Application Interface Catalog</i>	99
IV.8.4	<i>Application/Organization Matrix</i>	101
IV.8.5	<i>Application/Function Matrix</i>	104
IV.8.6	<i>Application/Role Matrix</i>	106
IV.8.7	<i>Application Interaction Matrix</i>	109
IV.8.8	<i>Application Communication Diagram</i>	110

IV.8.9	<i>Application Use Case Diagram</i> .....	111
IV.8.10	<i>GAP Analysis Application</i> .....	116
IV.9	<i>Technology Architecture</i> .....	119
IV.9.1	<i>Technology Requirement Catalog</i> .....	119
IV.9.2	<i>Technology Standard Catalog</i> .....	119
IV.9.3	<i>Technology Portfolio Catalog</i> .....	121
IV.9.4	<i>Application/Technology Matrix</i> .....	124
IV.9.5	<i>Environments and Locations Diagram</i> .....	125
IV.9.6	<i>Platform Decomposition Diagram</i> .....	126
IV.9.7	<i>GAP Analysis Technology</i> .....	127
IV.10	<i>Opportunities and Solutions</i> .....	128
IV.10.1	<i>Gap Analysis</i> .....	128
IV.10.2	<i>Implementation Factor Assessment and Deduction Matrix</i> ....	132
IV.10.3	<i>Consolidated Gaps</i> .....	134
IV.10.4	<i>Project Catalog</i> .....	137
IV.10.5	<i>Project Context Diagram</i> .....	139
IV.10.6	<i>Benefit Diagram</i> .....	139
IV.10.7	<i>Prioritas Pembangunan Proyek</i> .....	140
IV.10.8	<i>IT Roadmap</i> .....	142
Bab V	<b>KESIMPULAN DAN SARAN</b> .....	146
V.1	<b>Kesimpulan</b> .....	146
V.2	<b>Saran</b> .....	147
	<b>Daftar Pustaka</b> .....	148
	<b>LAMPIRAN</b> .....	149
	<i>Blueprint</i> .....	149
	<b>Form Evaluasi</b> .....	150

Struktur Organisasi.....	153
--------------------------	-----