

## DAFTAR ISI

Abstrak .....	i
<i>Abstract</i> .....	ii
Lembar Pengesahan .....	iii
Lembar Pernyataan Orisinalitas .....	iv
Kata Pengantar .....	v
Daftar Isi.....	vi
Daftar Gambar.....	x
Daftar Tabel .....	xi
Daftar Lampiran .....	xiii
Daftar Istilah.....	xiv
Bab I   Pendahuluan .....	1
I.1   Latar Belakang .....	1
I.2   Perumusan Masalah.....	3
I.3   Tujuan Penelitian.....	3
I.4   Batasan Penelitian .....	3
I.5   Manfaat Penelitian.....	4
Bab II   Tinjauan Pustaka .....	5
II.1 <i>Enterprise Architecture</i> .....	5
II.2 <i>Enterprise Architecture Framework</i> .....	6
II.3   TOGAF .....	9
II.4   TOGAF ADM.....	11
II.5   Penelitian Terdahulu .....	14
Bab III   Metodologi Penelitian.....	17
III.1   Model Konseptual .....	17

III.2	Sistematika Penyelesaian Masalah .....	18
III.3	Pengumpulan Data .....	24
III.4	Pengolahan Data atau Pengembangan Artefak.....	24
III.5	Metode Evaluasi .....	26
III.6	Alasan Pemilihan Metode.....	26
Bab IV	Persiapan dan Identifikasi .....	28
IV.1	Deskripsi Objek Penelitian .....	28
IV.1.1	Gambaran Umum Perusahaan.....	28
IV.1.2	Visi dan Misi Perusahaan.....	29
IV.1.3	Struktur Organisasi .....	30
IV.2	Rencana Strategis .....	32
IV.3	Rencana Kerja dan Anggaran Perusahaan.....	32
IV.4	Gambaran Kondisi Aplikasi <i>Existing</i> Fungsi .....	33
IV.5	Proses Bisnis <i>Existing</i> Fungsi.....	34
IV.6	Permasalahan <i>Existing</i> Fungsi.....	34
Bab V	Analisis dan Perancangan.....	36
V.1	<i>Preliminary Phase</i> .....	36
V.2	<i>Architecture Vision</i> .....	40
V.2.1	<i>Stakeholder Map Matrix</i> .....	41
V.2.2	<i>Value Chain Diagram</i> .....	55
V.2.3	<i>Solution Concept Diagram</i> .....	56
V.2.4	<i>Goal Diagram</i> .....	57
V.2.5	<i>Requirement Catalog</i> .....	59
V.3	<i>Business Architecture</i> .....	59
V.3.1	<i>Business Architecture Requirement</i> .....	60
V.3.2	<i>Business Footprint diagram</i> .....	60

V.3.3	<i>Goal/Objective/ Requirement Catalog</i> .....	61
V.3.4	<i>Business Interaction Matrix</i> .....	62
V.3.5	<i>Functional Decomposition Diagram</i> .....	64
V.3.6	<i>Business Service/Function Catalog</i> .....	65
V.3.7	<i>Organization/Actor Catalog</i> .....	66
V.3.8	<i>Role Catalog</i> .....	69
V.3.9	<i>Actor/Role Matrix</i> .....	71
V.3.10	<i>Organizational Process Diagram</i> .....	73
V.3.11	<i>Gap Analysis Business Architecture</i> .....	82
V.4	<i>Information Systems Architecture</i> .....	83
V.4.1	<i>Data Architecture</i> .....	84
V.4.2	<i>Application Architecture</i> .....	91
V.5	<i>Technology Architecture</i> .....	99
V.5.1	<i>Technology Architecture Requirement</i> .....	99
V.5.2	<i>Technology Standards Catalog</i> .....	100
V.5.3	<i>Technology Portfolio Catalog</i> .....	102
V.5.4	<i>Application/Technology Matrix</i> .....	105
V.5.5	<i>Environment and Locations Diagram</i> .....	106
V.5.6	<i>Platform Decomposition Diagram</i> .....	107
V.5.7	<i>Gap Analysis Technology Architecture</i> .....	108
V.6	<i>Opportunities and Solutions</i> .....	109
V.6.1	<i>Implementation Factor Assessment and Deduction Matrix</i> .....	109
V.6.2	<i>Consolidated Gaps, Solution, and Dependencies Matrix</i> .....	112
V.6.3	<i>Consolidated and Reconcile Interoperability Requirement</i> .....	116
V.6.4	<i>Project Catalog</i> .....	117
V.6.5	<i>Project Context Diagram</i> .....	119

V.6.6	<i>Benefits Diagram</i> .....	120
V.7	<i>Migration Planning</i> .....	121
V.7.1	Estimate Value and Risk .....	121
V.7.2	<i>Business Value Assessment</i> .....	123
V.7.3	Prioritas Pembangunan Proyek .....	123
V.7.4	<i>IT Roadmap</i> .....	124
Bab VI	Kesimpulan dan Saran .....	127
VI.1	Kesimpulan.....	127
VI.2	Saran .....	128
Daftar Pustaka	.....	129
Lampiran	.....	131