

DAFTAR ISI

LEMBAR PENGESAHAN	i
LEMBAR PERNYATAAN ORISINALITAS	ii
ABSTRAK	iii
ABSTRACT	v
KATA PENGANTAR	vii
DAFTAR ISI.....	viii
DAFTAR GAMBAR DAN ILUSTRASI.....	xiii
DAFTAR TABEL.....	xv
DAFTAR ISTILAH	xvii
Bab I Pendahuluan	1
I.1 Latar Belakang	1
I.2 Rumusan Masalah	4
I.3 Tujuan Penelitian	4
I.4 Manfaat Penelitian	4
I.5 Batasan Penelitian	5
I.6 Sistematika Pelaporan	5
Bab II Tinjauan Pustaka	6
II.1 Penerapan Enterprise Architecture.....	6
II.1.1 Enterprise	6
II.1.2 Architecture.....	6
II.1.3 Enterprise Architecture	6
II.2 Penerapan Enterprise Architecture pada Perusahaan Pemerintah.....	7
II.3 Perbandingan Enterprise Architecture Framework.....	7
II.4 The Open Group Architecture Framework	9
II.4.1 Komponen TOGAF.....	9
II.4.2 Domain Arsitektur pada TOGAF	10
II.4.3 Metode TOGAF ADM.....	11
Bab III METODOLOGI PENELITIAN.....	14

III.1	Model Konseptual	14
III.2	Sistematika Penulisan	16
III.2.1	Tahap Inisiasi	23
III.2.2	Tahap Identifikasi.....	23
III.2.3	Tahap Analisis dan Perencanaan.....	23
III.2.4	Tahap Kesimpulan dan Saran.....	26
Bab IV	PERSIAPAN DAN IDENTIFIKASI	27
IV.1	Deskripsi Objek Penelitian.....	27
IV.2	Gambaran Perusahaan.....	27
IV.3	Visi & Misi.....	30
IV.3.1	Visi	30
IV.3.2	Misi	30
IV.3.3	Core Value	31
IV.4	Rencana Strategis	32
IV.5	Gambaran Kondisi Aplikasi Eksisting.....	33
IV.6	Rencana Kerja dan Anggaran Perusahaan	33
IV.7	Proses Bisnis Perusahaan	34
IV.8	Permasalahan Eksisting Perusahaan	34
Bab V	ANALISIS DAN PERANCANGAN.....	36
V.1	<i>Preliminary Phase</i>	36
V.2	<i>Architecture Vision</i>	37
V.2.1	Stakeholder Map Matrix	38
V.2.2	Value Chain Diagram.....	39
V.2.3	Solution Concept Diagram.....	40
V.2.4	Identifikasi Goals	41
V.2.5	Goal Diagram	42
V.2.6	Goal Catalog.....	44
V.2.7	Requirement Catalog.....	47
V.3	<i>Business Architecture</i>	48

V.3.1	Business Footprint Diagram.....	48
V.3.2	Goal / Objective / Requirement Catalog.....	51
V.3.3	Business Interaction Matrix	52
V.3.4	Functional Decomposition Diagram	71
V.3.5	Business Service / Function Catalog.....	72
V.3.6	Organization / Actor Catalog	73
V.3.7	Role Catalog.....	74
V.3.8	Actor / Role Matrix	76
V.3.9	Process / Event / Control / Product Catalog.....	76
V.3.10	Service Catalog.....	78
V.3.11	Process Flow Diagram.....	78
	V.3.11.1 Business Process Overview Diagram	79
	V.3.11.2 Organizational Process Diagram	83
V.3.12	Gap Analysis Business	102
V.4	<i>Informastion System Architecture</i>	104
V.4.1	Data Architecture	104
	V.4.1.1 Data Architecture Requirement	104
	V.4.1.2 Data Entity / Data Component Catalog	105
	V.4.1.3 Data Entity / Business Function Matrix	107
	V.4.1.4 Application / Data Matrix.....	108
	V.4.1.5 Entity Relation Diagram.....	109
	V.4.1.5.1 ERD Aplikasi PMan.....	110
	V.4.1.5.2 ERD Aplikasi Pengelolaan Laporan	111
	V.4.1.5.3 ERD Aplikasi SuAB	112
	V.4.1.6 Class Diagram	113
	V.4.1.7 Data Dissemination Diagram.....	115

V.4.1.8	GAP Analysis	116
V.4.2	Application Architecture	119
V.4.2.1	Application Architecture Requirement.....	119
V.4.2.2	Application Portofolio Catalog.....	119
V.4.2.3	Application Interface Catalog.....	120
V.4.2.4	Application / Organization Matrix	122
V.4.2.5	Application / Function Matrix	123
V.4.2.6	Application / Role Matrix.....	123
V.4.2.7	Application Interaction Matrix	125
V.4.2.8	Application Communication Diagram	127
V.4.2.9	<i>Application Use Case Diagram</i>	128
V.4.2.10	<i>Gap Analysis Application Architecture</i>	130
V.5	<i>Technology Architecture</i>	132
V.5.1	Technology Architecture Requirement	132
V.5.2	Technnology Standard Catalog	133
V.5.3	Technology Portofolio Catalog.....	134
V.5.4	Application / Technology Matrix.....	149
V.5.5	Environments and Location Diagram	149
V.5.6	Platform Decomposition Diagram	151
V.5.7	GAP Analysis Technology Architecture.....	152
V.6	<i>Opportunities and Solutions</i>	154
V.6.1	GAP Analysis.....	154
V.6.2	Implementation Factor Assesment and Deduction Matrix.....	158
V.6.3	Consolidate GAPS, Solutions, and Dependencies Matrix.....	160
V.6.4	Consolidate and Reconcile Interoperability Requirements.....	174
V.6.5	Project Context Diagram.....	178

V.6.6	Benefit Diagram	180
V.7	<i>Migration Planning</i>	181
V.7.1	Estimate Value and Risk	181
V.7.2	Business Value Assesment.....	182
V.7.3	Prioritas Pembangunan Proyek	183
V.7.4	IT Roadmap.....	185
Bab VI	KESIMPULAN DAN SARAN.....	187
VI.1	Kesimpulan	187
VI.2	Saran.....	187
	Daftar Pustaka	189
	Lampiran	191