

DAFTAR ISI

Abstrak	ii
Abstract	iii
Lembar Pengesahan	iv
Lembar Pernyataan Orisinalitas	v
Kata Pengantar	vi
Daftar Isi.....	viii
Daftar Gambar.....	xiii
Daftar Tabel	xvi
Daftar Lampiran	xvi
Daftar Istilah.....	xxiii
BAB I Pendahuluan	1
I.1 Latar Belakang	1
I.2 Perumusan Masalah.....	2
I.3 Tujuan Penelitian.....	2
I.4 Batasan Penelitian	3
I.5 Manfaat Penelitian.....	3
I.6 Sistematika Penulisan.....	4
BAB II Tinjauan Pustaka	6
II.1 Dasar Teori	6
II.1.1 <i>Enterprise Architecture</i> (EA).....	6
II.1.2 <i>Enterprise Architecture</i> Framework	7
II.2 Penelitian Terdahulu.....	10
II.3 Alasan Pemilihan Kerangka Kerja/Teori/Pendekatan.....	14

BAB III Metodologi Penelitian	16
III.1 Desain Penelitian	16
III.2 Sistematika Penyelesaian Masalah	18
III.3 Pengumpulan Data	19
III.3.1 Wawancara	19
III.3.2 Dokumentasi	19
III.4 Pengolahan Data atau Proses Pengembangan Produk / Artifak	20
III.5 Metode Evaluasi	20
BAB IV Persiapan Dan Identifikasi	22
IV.1 Deskripsi Objek Penelitian	22
IV.1.1 Gambaran Organisasi	22
IV.1.2 Struktur Organisasi	23
IV.1.3 Visi dan Misi	25
IV.1.4 Rencana Strategis	26
IV.1.5 Gambaran Kondisi Aplikasi Eksisting	28
IV.2 Rencana Kegiatan Anggaran (RKP).....	34
IV.3 Proses Bisnis Eksisting.....	36
IV.3.1 Proses Bisnis Utama.....	36
IV.3.2 Sub-Proses Bisnis Utama	40
BAB V Analisis Dan Perancangan	43
V.1 Preliminary Phase.....	43
V.1.1 Principle Catalog.....	43
V.2 Architecture Vision	53
V.2.1 Stakeholder Map Matrix	53
V.2.2 Value Chain Diagram.....	67

V.2.3	Solution Concept Diagram.....	68
V.3	Business Architecture.....	69
V.3.1	Business Architecture Requirement.....	70
V.3.2	Visi, Misi, Goal Catalog.....	70
V.3.3	Goal Diagram.....	74
V.3.4	Driver/Goal/Objectives/Requirement Catalog.....	76
V.3.5	Business Footprint Diagram.....	80
V.3.6	Business Interaction Matrix.....	81
V.3.7	Functional Decomposition Diagram.....	109
V.3.8	Actor/Role Matrix.....	110
V.3.9	Process Flow Diagram.....	126
V.3.10	<i>Gap Analysis Business Architecture</i>	129
V.4	Data Architecture.....	130
V.4.1	Data Architecture Requirement.....	131
V.4.2	Data Entity/Data Component Catalog.....	131
V.4.3	Data Entity/Business Function Matrix.....	136
V.4.4	Application/Data Matrix.....	159
V.4.5	Conceptual Data Diagram.....	163
V.4.6	Logical Data Diagram.....	170
V.4.7	Data Dissemination Diagram.....	178
V.4.8	Gap Analysis Data Architecture.....	178
V.5	Application Architecture.....	181
V.5.1	Application Architecture Requirement.....	181
V.5.2	Application Portofolio Catalog.....	182
V.5.3	Application/Role Matrix.....	183

V.5.4	Application/Function Matrix.....	187
V.5.5	Application/Interaction Matrix.....	193
V.5.6	Application Communication Diagram	198
V.5.7	Application Use Case Diagram.....	199
V.5.8	Gap Analysis Application Architecture	206
V.6	Technology Architecture	208
V.6.1	Technology Architecture Requirement	208
V.6.2	Technology Standards Catalog	209
V.6.3	Technology/System Matrix.....	212
V.6.4	Environments and Location Diagram	214
V.6.5	Gap Analysis Technology Architecture	216
V.7	Opportunities and Solutions	218
V.7.1	Consolidated Gaps	218
V.7.2	Project Calatog.....	221
V.7.3	Project Context Catalog	223
V.7.4	Benefit Diagram.....	224
V.8	Migration Planning.....	225
V.8.1	Estimasi Value dan Risk	225
V.8.2	Business Value Assessment	226
V.8.3	Prioritas Pembangunan Proyek	227
V.8.4	IT Roadmap.....	228
Bab VI	Validasi Penelitian.....	231
VI.1	Skema Validasi.....	231
VI.2	Pertanyaan yang Diajukan.....	232
V1.3	Hasil Validasi.....	233

BAB VII Kesimpulan Dan Saran	238
VII.1 Kesimpulan	238
VII.2 Saran	239
Daftar Pustaka	240