

DAFTAR ISI

Daftar Isi.....	viii
Daftar Gambar.....	xiii
Daftar Tabel	xv
Daftar Istilah.....	xviii
Bab I PENDAHULUAN.....	1
I.1 Latar Belakang.....	1
I.2 Perumusan Masalah	3
I.3 Tujuan Penelitian	3
I.4 Batasan Tugas Akhir.....	4
I.5 Manfaat Penelitian	4
I.6 <i>Root Cause Analysis</i>	4
Bab II TINJAUAN PUSTAKA	6
II.1 <i>Enterprise Architecture</i>	6
II.2 TOGAF ADM.....	6
II.3 Penelitian Terdahulu	8
II.4 Perbandingan Framework	17
Bab III METODOLOGI PENELITIAN	18
III.1 Kerangka Berpikir.....	18
III.2 Sistematika Penyelesaian Masalah	19
III.2.1 Inisiasi dan Identifikasi	19
III.2.2 Tahap Analisis dan Perancangan	21
III.2.3 Tahap Penyelesaian.....	22
III.3 Pengumpulan Data	22
III.4 Pengolahan Data.....	25
III.5 Metode Evaluasi.....	31

III.6 Alasan Pemilihan Metode.....	31
BAB IV PERSIAPAN DAN IDENTIFIKASI.....	32
IV.1 Identifikasi Objek Penelitian.....	32
IV.1.1 Profil Perusahaan.....	32
IV.1.2 Visi Misi Perusahaan	33
IV.1.3 Tujuan Perusahaan.....	33
IV.1.4 Nilai Perusahaan	34
IV.1.5 Struktur Organisasi.....	35
IV.1.6 Kondisi Aplikasi Eksisting	36
BAB V ANALISIS DAN PERANCANGAN	40
V.1 Preliminary Phase	40
V.1.1 Principle Catalog.....	40
V.2 Architecture Vision	43
V.2.1. KPI (Key Performance Information)	44
V.2.2 <i>Stakeholder Map Matrix</i>	55
V.2.3 Value Chain	66
V.2.4 Solution Concept Diagram.....	67
V.2.5 Identifikasi Goal.....	68
V.2.5.1 <i>Goal Diagram</i>	68
V.2.5.2 <i>Goal Catalog</i>	69
V.2.6 <i>Requirement Catalog</i>	73
V.3 <i>Business Architecture</i>	74
V.3.1 Goal/Objective/Requirement	75
V.3.2 <i>Business Footprint Diagram</i>	76
V.3.3 <i>Business Interaction Matrix</i>	77
V.3.4 <i>Functional Decomposition Diagram</i>	85

V.3.5	<i>Business Service/Functional Catalog</i>	85
V.3.6	<i>Organization/Actor Catalog</i>	86
V.3.7	<i>Actor/Role Matrix</i>	87
V.3.8	<i>Process Flow Diagram</i>	91
V.3.9	<i>GAP Analysis Business Architecture</i>	119
V.4	<i>Information System Architecture</i>	121
V.4.1	<i>Data Architecture</i>	122
V.4.1.1	<i>Data Architecture Requirement</i>	122
V.4.1.2	<i>Data Entity/Data Component Catalog</i>	122
V.4.1.3	<i>Data Entity/Business Function Matrix</i>	134
V.4.1.4	<i>Application/Data Matrix</i>	137
V.4.1.5	<i>Conceptual Data Diagram</i>	143
V.4.1.6	<i>Logical Data Diagram</i>	144
V.4.1.7	<i>Data Dissemination Diagram</i>	145
V.4.1.8	<i>GAP Analysis Data Architecture</i>	146
V.5	<i>Application Architecture</i>	146
V.5.1	<i>Application Architecture Requirement</i>	147
V.5.2	<i>Application Portfolio Catalog</i>	147
V.5.3	<i>Application Interface Catalog</i>	149
V.5.4	<i>Application/Organization Matrix</i>	151
V.5.5	<i>Application / Function Matrix</i>	153
V.5.6	<i>Application / Role Matrix</i>	153
V.5.7	<i>Application Interaction Matrix</i>	156
V.5.8	<i>Application Communication Diagram</i>	157
V.5.9	<i>Application Usecase Diagram</i>	158
V.5.10	<i>Gap Analysis Application Architecture</i>	160

