

DAFTAR ISI

ABSTRAK	I
<i>ABSTRACT</i>	II
LEMBAR PENGESAHAN.....	III
LEMBAR PERNYATAAN ORISINALITAS.....	IV
Kata Pengantar.....	1
Daftar Isi.....	3
Daftar Gambar	8
Daftar Tabel.....	10
Daftar Lampiran.....	12
Daftar Istilah.....	13
Bab I PENDAHULUAN.....	14
I.1 Latar Belakang.....	14
I.2 Perumusan Masalah	18
I.3 Tujuan Penelitian.....	18
I.4 Batasan Penelitian.....	19
I.5 Manfaat Penelitian	19
Bab II TINJAUAN PUSTAKA	20
II.1 Landasan Teori	20
II.1.1 Architecture Enterprise	20
II.1.2 Architecture Enterprise Framework	20
II.1.3 The Open Group Architecture Framework (TOGAF).....	21
II.1.4 TOGAF ADM (The Open Group Architecture Framework Architecture Development Method)	22
II.1.5 Zachman Framework	25

II.1.6	Federal Enterprise Architecture Framework (FEAF)	27
II.1.7	Penelitian Terdahulu	28
	Penelitian-penelitian tersebut menghasilkan beberapa temuan penting, antara lain blueprint arsitektur enterprise yang membantu meningkatkan efisiensi operasional, IT roadmap yang merencanakan langkah-langkah strategis untuk pengembangan teknologi, serta panduan implementasi teknologi yang mendukung transformasi digital perusahaan. Hasil-hasil ini memberikan wawasan dan metodologi praktis yang dapat diterapkan untuk menyelaraskan strategi bisnis dan teknologi informasi, memastikan bahwa semua inisiatif arsitektur mendukung tujuan bisnis utama.	32
II.1.8	Alasan Pemilihan Teori, Kerangka Kerja, Atau Mekanisme	33
BAB III Metodologi Penelitian		35
III.1	Model Konseptual	35
III.2	Sistematika Penyelesaian Masalah	36
III.3	Pengumpulan Data.....	37
III.4	Pengolahan Data atau Pengembangan Produk / Artefak	39
III.5	Metode Evaluasi	39
III.6	Alasan Pemilihan Metode	39
BAB IV PERSIAPAN DAN IDENTIFIKASI		40
IV.1	Identifikasi Objek Penelitian.....	40
IV.1.1	Profil Objek Penelitian	40
IV.1.2	Struktur Organisasi	42
IV.2	Visi dan Misi	45
IV.2.1	Visi	45
IV.2.2	Misi	46
IV.2.3	Core Values AKHLAK	46
IV.2.4	Layanan dan Produk PT. Telkom Indonesia	47

IV.3 Kondisi Aplikasi Existing	53
IV.3.1 Proses Bisnis Existing	54
IV.3.2 Permasalahan Kondisi Existing	56
BAB V ANALISIS DAN PERANCANGAN	59
V.1 <i>Preliminary Phase</i>	59
V.1.1 Principles Catalog	59
V.2 <i>Architecture Vision</i>	66
V.2.1 Stakeholder Map Matrix	66
V.2.2 Value Chain Diagram	69
V.2.3 Solution Concept Diagram	70
V.3 <i>Business Architecture</i>	71
V.3.1 Business Architecture Requirement	72
V.3.2 Business Footprint Diagram	72
V.3.3 Driver/Goal/Objective Catalog	73
V.3.4 Business Interaction Matrix	75
V.3.5 Functional Decomposition Diagram	75
V.3.6 Organizational/Actor Catalog	76
V.3.7 Role Catalog	77
V.3.8 Actor/Role Matrix	79
V.3.9 Process/Event/Control/Product Catalog	80
V.3.10 Service Catalog	81
V.3.11 Organizational Process Diagram Existing	82
V.3.12 Organizational Process Diagram Targeting	84
V.3.13 GAP Analysis Business Architecture	86
V.4 <i>Information System Architecture</i>	87
V.4.1 Data Architecture	87

V.4.1.1	Data Architecture Requirement.....	88
V.4.1.2	Data Entity/Data Component Catalog	88
V.4.1.3	Data Entity/Business Function Matrix	91
V.4.1.4	Application/Data Matrix	92
V.4.1.5	Conceptual Data Diagram.....	93
V.4.1.6	Logical Data Diagram	96
V.4.1.7	Data Dissemination Diagram	98
V.4.1.8	GAP Analysis Data Architecture	99
V.4.2	Application Architecture.....	101
V.4.2.1	Application Architecture Requirement	101
V.4.2.2	Application Portofolio Catalog	102
V.4.2.3	Application Interface Catalog	103
V.4.2.4	Application/Role Matrix	104
V.4.2.5	Application/Function Matrix	105
V.4.2.6	Application Interaction Matrix.....	106
V.4.2.7	Application Communication Diagram	107
V.4.2.8	Application Use-Case Diagram	107
V.4.2.9	GAP Analysis Application Architecture	111
V.5	<i>Technology Architecture</i>	112
V.5.1	Technology Architecture Requirement.....	113
V.5.2	Technology Standard Catalog	113
V.5.3	Technology Portofolio Catalog	115
V.5.4	Application/Technology Matrix	120
V.5.5	Platform Decomposition Diagram.....	121
V.5.6	GAP Analysis Technolgy Architecture	122
V.6	<i>Opportunities & Solutions</i>	123

V.6.1	Implementation Factor Assesment and Deduction Matrix.....	123
V.6.2	Consolidate GAP, Solutions, and Dependencies Matrix	126
V.6.3	Consolidate & Reconcile Interoperability Requirements	131
V.6.4	Project Catalog	132
V.6.5	Project Context Diagram.....	134
V.6.6	Benefit Diagram	135
V.7	<i>Migration Planning</i>	135
V.7.1	Estimate Value and Risk	136
V.7.2	Project Description	137
V.7.3	Business Value Assesment.....	139
V.7.4	Prioritas Pembangunan Proyek	139
V.7.5	IT Roadmap.....	140
	BAB VI KESIMPULAN DAN SARAN	142
VI.1	Kesimpulan	142
VI.2	Saran	142
	DAFTAR PUSTAKA	144
	LAMPIRAN	149