

Daftar Isi

LEMBAR PERNYATAAN ORISINALITASS	i
Lembar Pengesahan	ii
Kata Pengantar	iii
ABSTRAK	vi
ABSTRACT	vii
Daftar Isi	viii
Daftar Gambar	xi
Daftar Tabel	xii
Daftar Lampiran	xiii
Bab I Pendahuluan	
I.1. Latar Belakang	1
I.2 Perumusan Masalah	3
I.3 Tujuan Penelitian	4
I.4 Batasan Penelitian	4
I.5 Manfaat Penelitian	4
Bab II Tinjauan Pustaka	
II.1 Definisi Enterprise	6
II.2 Definisi Architecture	6
II.3 Enterprise Architecture	7
II.4 TOGAF ADM (The Open Group Architectire Framework)	8
II.5 Perencanaan Enterprise Architecture	9
II.6 Konsep Dasar Sistem dan Teknologi Informasi	9
II.7 Penelitian Terdahulu	12
Bab III Metodologi Penelitian	
III.1 Model Konseptual.....	15
III.2 Sistematika Penyelesaian Masalah.....	17
III.3 Studi Pustaka.....	17
III.4 Teknik Pengumpulan Data.....	18
III.5 Metode Perancangan Enterpraise Architecture.....	18
BAB IV IDENTIFIKASI DAN PERSIAPAN	
IV.1 Identifikasi Objek Penelitian	20
IV.2 Profil Perusahaan	21

IV.3 Visi dan Misi Perusahaan	23
IV.4 Struktur Organisasi PDAM Kota Makassar.....	24
IV.5 Struktur Organisasi Unit Perlengkapan PDAM Kota Makassar.....	24
IV.6 Rencana Strategis Bisnis	26
IV.7 Aplikasi <i>Existing</i>	28
IV.8 Proses Operasional <i>Existing</i>	28
IV.9 Permasalahan <i>Existing</i>	30

BAB V ANALISIS DAN PERANCANGAN

V.1 Pendahuluan	32
V.2 Preliminary Phase	32
V.3 Architecure Vision	34
V.3.1 Stakeholder Map Matrix	34
V.3.2 Value Chain Diagram	36
V.3.3 Solution Concept Diagram	37
V.3.4 Goal diagram	37
V.3.5 Goal Catalog	38
V3.6 Requirement Catalog	40
V.4 Business Architecture	
V.4.1 Business Architecture Requirement Catalog	41
V.4.2 Business Footprint Diagram	41
V.4.3 Business Interaction Matrix	42
V.4.4 Functional Decomposition Diagram	43
V.4.5 Business Service/Function Catalog	43
V.4.6 Organization/Actor Catalog	44
V.4.7 Role Catalog	45
V.4.8 Actor/Role Matrix	45
V.4.9 Proses/Event/Control/Product Catalog	46
V.4.10 Service Catalog	47
V.4.11 Process Flow Diagram	48
V.4.12 GAP Analysis Business Architecture	48
V.5 Information System Architecture	
V.5.1 Data Architecture	49
V.5.1.1 Data Architecture Requirement Catalog.....	49
V.5.1.2 Data Entity/Data Component Catalog.....	50
V.5.1.3 Data Entity/Business Function Matrix.....	51
V.5.1.4 Application/Data Matrix.....	51
V.5.1.5 Conceptual Data Diagram.....	53
V.5.1.6 Logical Data Diagram.....	53
V.5.1.7 Data Dissemination Diagram.....	54
V.5.1.8 GAP Analysis Data Architecture.....	54
V.5.2 Application Architecture	56
V.5.2.1 Application Architecture Requirement Catalog.....	56

V.5.2.2 Application Portofolio Catalog.....	56
V.5.2.3 Application Interface Catalog	58
V.5.2.4 Application/Function Matrix	59
V.5.2.5 Application/Role Matrix	59
V.5.2.6 Application Interaction Matrix	60
V.5.2.7 Application Communacion Diagram	60
V.5.2.8 Application Usecase Diagram	61
V.5.2.9 Analysis Application Architecture	62
V.6 Technology Architecture	
V.6.1 Technology Architecture Requirement Catalog	63
V.6.2 Technology Standar Catalog	63
V.6.3 Technology Portfolio Catalog	65
V.6.4 Application/Technology Matrix	69
V.6.5 Environment and Location Diagram	70
V.6.6 Platform Decomposition Diagram	70
V.7 Oportunities and Solution	
V.7.1 Implementation Factor Assessment And Deduction Matrix	71
V.7.2 Consolidate GAP Solution And Dependencies Matrix	74
V.7.3 Consolidate And Reconcile Intropability Requirement	78
V.7.4 Project Catalog	79
V.7.5 Project Context Diagram	79
V.7.6 Benefit Diagram	79
V.7.7 Migration Planing	80
BAB VI KESIMPULAN DAN SARAN	
VI.1 Kesimpulan	83
VI.2 Saran	84
DAFTAR PUSTAKA	85
LAMPIRAN	87