

## DAFTAR ISI

LEMBAR PENGESAHAN .....	ii
LEMBAR PERNYATAAN ORISINALITAS .....	iii
ABSTRAK.....	iv
KATA PENGANTAR .....	viii
DAFTAR ISI.....	x
DAFTAR GAMBAR DAN ILUSTRASI.....	xiii
DAFTAR TABEL.....	xvi
DAFTAR SINGKATAN .....	xviii
Bab I PENDAHULUAN.....	1
I.1 Latar Belakang .....	1
I.2 Rumusan Masalah .....	3
I.3 Tujuan Penelitian.....	3
I.4 Manfaat Penelitian.....	4
I.5 Batasan Masalah.....	4
I.6 Sistematika Penulisan.....	4
Bab II TINJAUAN PUSTAKA.....	6
II.1 <i>Enterprise, Architecture, dan Enterprise Architecture (EA)</i> .....	6
II.1.1 <i>Enterprise</i> .....	6
II.1.2 <i>Architecture</i> .....	6
II.1.3 <i>Enterprise Architecture</i> .....	7
II.2 Penerapan <i>Enterprise Architecture</i> pada Pemerintahan.....	8
II.3 <i>Enterprise Architecture (EA) Framework</i> .....	8
II.3.1 <i>Zachman Framework</i> .....	10
II.3.2 <i>The Federal Enterprise Architecture (FEAF)</i> .....	11
II.3.3 <i>The Open Group Architecture Framework (TOGAF)</i> .....	14
II.3.4 Perbandingan <i>EA Framework</i> .....	16
II.4 TOGAF ADM .....	17
II.5 Perumahan Rakyat dan Kawasan Permukiman.....	19
II.5.1 Perumahan .....	20
II.5.2 Permukiman.....	20
II.6 Sistem Pemerintahan Berbasis Elektronik (SPBE).....	20
II.6.1 Tata Kelola SPBE.....	23
II.6.2 Arsitektur SPBE .....	25
II.7 Keamanan Sistem Informasi .....	27
II.7.1 Open Web Application Security Project (OWASP).....	27
Bab III METODOLOGI PENELITIAN .....	30
III.1 Metode Penelitian.....	30
III.2 Model Konseptual .....	31

III.3	Metode Penyusunan EA .....	33
III.3.1	Sistematika Penulisan.....	33
Bab IV	PERSIAPAN DAN IDENTIFIKASI.....	39
IV.1	Identifikasi Kebutuhan Data.....	39
IV.2	Metode Pengumpulan Data .....	40
IV.3	Gambaran Umum Organisasi .....	41
IV.4	Stuktur Organisasi .....	42
IV.5	Visi dan Misi Organisasi .....	46
IV.6	Rencana Strategis .....	47
IV.7	Kondisi Aplikasi <i>Existing</i> .....	48
IV.8	Proses Bisnis <i>Existing</i> .....	49
IV.9	Permasalahan <i>Existing</i> .....	49
IV.9.1	Permasalahan yang Dihadapi Dinas .....	50
IV.9.2	Permasalahan Dalam Bidang.....	50
Bab V	ANALISIS KEBUTUHAN EA .....	52
V.1	<i>Preliminary Phase</i> .....	52
V.1.1	<i>Principle Catalog</i> .....	52
V.2	<i>Architecture Vision</i> .....	53
V.2.1	<i>Stakeholder Map Matrix</i> .....	54
V.2.2	<i>Value Chain Diagram</i> .....	61
V.2.3	<i>Solution Concept Diagram</i> .....	62
Bab VI	PERANCANGAN EA.....	64
VI.1	<i>Business Architecture</i> .....	64
VI.1.1	<i>Business Architecture Requirements</i> .....	64
VI.1.2	<i>Business Footprint Diagram</i> .....	64
VI.1.3	<i>Goal/Objective/Requirement Catalog</i> .....	66
VI.1.4	<i>Business Interaction Matrix</i> .....	66
VI.1.5	<i>Functional Decomposition Diagram</i> .....	80
VI.1.6	<i>Business Service/Function Catalog</i> .....	81
VI.1.7	<i>Organizational/Actor Catalog</i> .....	81
VI.1.8	<i>Role Catalog</i> .....	83
VI.1.9	<i>Actor/Role Matrix</i> .....	86
VI.1.10	<i>Process/Event/Control/Product Catalog</i> .....	90
VI.1.11	<i>Process Flow Diagram</i> .....	91
VI.1.12	<i>Gap Analysis Business Architecture</i> .....	132
VI.2	<i>Information System Architecture</i> .....	135
VI.2.1	<i>Data Architecture</i> .....	135
VI.2.2	<i>Application Architecture</i> .....	156
VI.3	<i>Technology Architecture</i> .....	174
VI.3.1	<i>Technology Architecture Requirement</i> .....	174
VI.3.2	<i>Technology Standard Catalog</i> .....	175
VI.3.3	<i>Technology Portofolio Catalog</i> .....	176

VI.3.4	<i>Application / Technology Matrix</i> .....	177
VI.3.5	<i>Environments and Location Diagram</i> .....	178
VI.3.6	<i>Platform Decomposition Diagram</i> .....	180
VI.3.7	<i>Infrastructure Security</i> .....	181
VI.3.8	<i>GAP Analysis Technology Architecture</i> .....	183
VI.3.9	Integrasi Perancangan <i>Enterprise Architecture</i> SPBE .....	186
Bab VII	KESIMPULAN DAN SARAN .....	188
VII.1	Kesimpulan.....	188
VII.2	Saran .....	189
	DAFTAR PUSTAKA .....	190
	LAMPIRAN.....	192