

## DAFTAR ISI

	Halaman
PERNYATAAN.....	iii
ABSTRAK .....	iv
KATA PENGANTAR .....	vi
DAFTAR ISI.....	viii
DAFTAR GAMBAR .....	xi
DAFTAR TABEL.....	xv
DAFTAR PERSAMAAN .....	xvii
DAFTAR LAMPIRAN.....	xviii
BAB I PENDAHULUAN.....	1
1.1. Latar Belakang.....	1
1.2. Perumusan Masalah.....	3
1.3. Tujuan Penelitian.....	3
1.4. Batasan Masalah.....	3
1.5. Manfaat Penelitian.....	4
1.6. Sistematika Penulisan.....	4
BAB II LANDASAN TEORI .....	6
2.1 Sistem Pemerintahan Desa Berbasis Elektronik ( <i>E-Government</i> ) .....	6
2.2 Arsitektur <i>Entereprise</i> .....	6
2.3 Profil Desa Sungai Rengas .....	7
2.4 TOGAF ADM 9.2 .....	8
2.5 Archimate .....	11
2.6 <i>Enterprise Arhitecture Scorecard</i> .....	16
BAB III METODOLOGI PENELITIAN.....	19
3.1 Kerangka Kerja Penelitian.....	19
3.1.1. <i>Environtment</i> (Lingkungan).....	19
3.1.2. <i>Is Research</i> .....	20
3.1.3. <i>Knowledge Base</i> (Basis Pengetahuan) .....	20
3.2 Lokasi Penelitian .....	21
BAB IV ANALISIS DAN PERANCANGAN ARSITEKTUR .....	22
4.1 <i>Preliminary Phase</i> .....	22
4.1.1. Identifikasi <i>Principle Catalog</i> .....	22
4.1.2. Identifikasi Ruang Lingkup <i>Enterprise Architecture</i> .....	24
4.2 <i>Architecture Vision Phase</i> .....	24
4.2.1. Analisa Visi Arsitektur.....	24
4.2.2. <i>Value Chain Diagram</i> .....	25
4.2.3. <i>Stakeholder Map Matrix</i> .....	27
4.2.4. <i>Baseline Architecture Landscape</i> .....	30
4.2.5. <i>Solution Concept Diagram</i> .....	33
4.3 Business Architecture Phase.....	34

4.3.1.	<i>Organization/Actor Catalog</i> .....	34
4.3.2.	<i>Role Catalog</i> .....	34
4.3.3.	<i>Business Service/Function Catalog</i> .....	35
4.3.4.	<i>Location Catalog</i> .....	39
4.3.5.	<i>Value Stream Catalog</i> .....	40
4.3.6.	<i>Value Stream Stage Catalog</i> .....	44
4.3.7.	<i>Driver/Goal/Objective Catalog</i> .....	60
4.3.8.	<i>Process/Event/Control Product Catalog</i> .....	60
4.3.9.	<i>Business Capability Catalog</i> .....	64
4.3.10.	<i>Business Interaction Matrix</i> .....	70
4.3.11.	<i>Actor/Role Matrix</i> .....	72
4.3.12.	<i>Capability/Organization Matrix</i> .....	75
4.3.13.	<i>Value Stream/Capability Matrix</i> .....	77
4.3.14.	<i>Business Footprint Diagram</i> .....	82
4.3.15.	<i>Business Service/Informastion Diagram</i> .....	86
4.3.16.	<i>Business Model Diagram</i> .....	87
4.3.17.	<i>Business Capability Map</i> .....	88
4.3.18.	<i>Value Stream Map</i> .....	89
4.3.19.	<i>Organizational Map</i> .....	101
4.3.20.	<i>Goal/Objective/Service Diagram</i> .....	102
4.3.21.	<i>Business Use Case Diagram</i> .....	103
4.3.22.	<i>Organizational Decomposition Diagram</i> .....	103
4.3.23.	<i>Process Flow Diagram</i> .....	104
4.3.24.	<i>Event Diagram</i> .....	124
4.3.25.	<i>Perancangan Business Architecture Target</i> .....	135
4.3.26.	<i>Analisis Gap Business Architecture Phase</i> .....	145
4.4	<i>Data Architecture Phase</i> .....	148
4.4.1.	<i>Data Entity/Data Component Catalog</i> .....	148
4.4.2.	<i>Data Entity/Business Function Matrix</i> .....	153
4.4.3.	<i>Conceptual Data Diagram</i> .....	155
4.4.4.	<i>Data Dissemination Diagram</i> .....	157
4.4.5.	<i>Perancangan Data Architecture Target</i> .....	160
4.4.6.	<i>Analisis Gap Data Architecture Phase</i> .....	166
4.5	<i>Application Architecture Phase</i> .....	168
4.5.1.	<i>Application Portfolio Catalog</i> .....	168
4.5.2.	<i>Interface Catalog</i> .....	169
4.5.3.	<i>Application/Organization Matrix</i> .....	171
4.5.4.	<i>Role Application Matrix</i> .....	172
4.5.5.	<i>Application/Function Matrix</i> .....	173
4.5.6.	<i>Application Communication Diagram</i> .....	178
4.5.7.	<i>Application and User Location Diagram</i> .....	181
4.5.8.	<i>Application Use Case Diagram</i> .....	182
4.5.9.	<i>Perancangan Application Architecture Target</i> .....	186

4.5.10.	<i>Analisis Gap Application Architecture Phase</i> .....	198
4.6	<i>Technology Architecture Phase</i> .....	199
4.6.1.	<i>Technology Standards Catalog</i> .....	199
4.6.2.	<i>Technology Portfolio Catalog</i> .....	200
4.6.3.	<i>Environment and Location Diagram</i> .....	200
4.6.4.	<i>Network Computing Hardware Diagram</i> .....	201
4.6.5.	<i>Perancangan Technology Architecture Target</i> .....	201
4.6.6.	<i>Analisis Gap Technology Architecture Phase</i> .....	204
4.7	<i>Opportunity and Solution Diagram</i> .....	204
4.7.1.	<i>Gap Konsolidasi</i> .....	204
4.7.2.	<i>Project Context Diagram</i> .....	206
4.7.3.	<i>Benefit Diagram</i> .....	208
4.8	<i>Migration Planning Phase</i> .....	209
4.8.1.	<i>Impelementation Factor Assessment and Deduction Matrix</i> .....	209
4.8.2.	<i>Consolidate Gaps, Solutions and Dependencies Matrix</i> .....	211
<b>BAB V IMPLEMENTASI DAN PENGUJIAN ENTEPRISE ARCHITECTURE</b> ....		213
5.1	<i>IT Roadmap</i> .....	213
5.2	<i>Pengujian Enterprise Architecture</i> .....	214
<b>BAB VI PENUTUP</b> .....		232
6.1	<i>Kesimpulan</i> .....	232
6.2	<i>Saran</i> .....	233
<b>DAFTAR PUSTAKA</b> .....		234
<b>LAMPIRAN</b> .....		236