

DAFTAR ISI

LEMBAR PENGESAHAN	i
LEMBAR PERNYATAAN ORISINALITAS	ii
ABSTRAK	iii
ABSTRACT	iv
UCAPAN TERIMA KASIH/ KATA PENGANTAR	Error! Bookmark not defined.
DAFTAR ISI	vii
DAFTAR GAMBAR DAN ILUSTRASI	xi
DAFTAR TABEL	xiii
DAFTAR SINGKATAN DAN LAMBANG	xv
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 Ruang Lingkup	4
I.6 Sistematika Penulisan	5
Bab II Kajian Teori	7
II.1 Sistem Pemerintahan Berbasis Elektronik (SPBE)	7
II.2 <i>Enterprise Architecture</i>	7
II.3 <i>Enterprise Architecture Framework</i>	8
II.4 <i>The Open Group Architecture Framework</i>	8
II.5 <i>ADM Guidelines and Techniques</i>	11
II.6 Pemilihan <i>Framework</i>	12
II.7 Proses Bisnis	13
II.8 BPMN	14
II.8.1 <i>Flow Object</i>	15
II.8.2 Data	16
II.8.3 <i>Artifacts</i>	16
II.8.4 <i>Swimlanes</i>	17
II.8.5 <i>Connectors</i>	17

II.9	<i>Value Chain</i>	18
II.9.1	<i>Primary Activities</i>	19
II.9.2	<i>Support Activities</i>	20
II.10	Sistem Informasi Geografis (SIG)	20
II.11	<i>Web Service</i>	21
Bab III	METODE TUGAS AKHIR	22
III.1	Metode <i>Design Science Research</i>	22
III.2	Konseptual Model	24
III.3	Sistematikan Penelitian	25
III.3.1	Tahap Inisiasi	29
III.3.2	Tahap Identifikasi.....	29
III.3.3	Tahap Analisis dan Desain.....	29
III.3.4	<i>Technology Architecture</i>	31
III.4	Tahap Kesimpulan	32
Bab IV	PROFIL ORGANISASI.....	33
IV.1	Identifikasi Kebutuhan Data	33
IV.2	Deskripsi Obyek Penelitian.....	34
IV.2.1	Struktur Organisasi	34
IV.2.2	Visi dan Misi.....	39
IV.2.3	Rencana Strategis	40
IV.2.4	Kondisi Proses Bisnis Eksisting.....	44
Bab V	ANALISIS KEBUTUHAN <i>ENTERPRISE ARCHITECTURE</i>	45
V.1	<i>Preliminary Phase</i>	45
V.1.1	<i>Principle Catalog</i>	45
V.2	<i>Architecture Vision</i>	46
V.2.1	<i>Stakeholder Map Matrix</i>	48
V.2.2	<i>Value Chain Diagram</i>	55
V.2.3	Solution Concept Diagram.....	56
Bab VI	RANCANGAN <i>ENTERPRISE ARCHITECTURE</i>	58
VI.1	<i>Business Architecture</i>	58
VI.1.1	<i>Business Architecture Requirement</i>	58
VI.1.2	<i>Business Footprint Diagram</i>	59

VI.1.3	Goal/Objective/Requirement Catalog	60
VI.1.4	<i>Business Interaction Matrix</i>	61
VI.1.5	<i>Functional Decomposition Diagram</i>	62
VI.1.6	<i>Business Service/Function Catalog</i>	63
VI.1.7	<i>Organizational/Actor Catalog</i>	64
VI.1.8	<i>Role Catalog</i>	66
VI.1.8.1	<i>Role Catalog Internal</i>	66
VI.1.8.2	<i>Role Catalog Eksternal</i>	70
VI.1.9	<i>Actor/Role Matrix</i>	70
VI.1.10	<i>Process Flow Diagram</i>	71
VI.1.10.1	<i>Business Process Overview Diagram</i>	76
VI.1.10.2	<i>Organizational Process Diagram</i>	79
VI.1.10.2.1	<i>Organizational Process Diagram Perizinan Perencanaan Tata Ruang Baru Eksisting</i>	80
VI.1.10.2.2	<i>Organizational Process Diagram Perizinan Perencanaan Tata Ruang Baru Targeting</i>	81
VI.1.10.2.3	<i>Organizational Process Diagram Peraturan Zonasi Eksisting</i>	82
VI.1.10.2.4	<i>Organizational Process Peraturan Zonasi Targeting</i>	83
VI.1.10.2.5	<i>Organizational Process Diagram Pengendalian Pemanfaatan Ruang Eksisting</i>	84
VI.1.10.2.6	<i>Organizational Process Diagram Pengendalian Pemanfaatan Ruang Targeting</i>	85
VI.1.10.3	<i>System Process</i>	86
VI.1.10.3.1	<i>System Process Perizinan Perencanaan Tata Ruang</i>	86
VI.1.10.3.2	<i>System Process Peraturan Zonasi</i>	86
VI.1.10.3.3	<i>System Process Pengendalian dan Pemanfaatan Ruang</i>	87
VI.1.11	<i>GAP Analysis Business Architecture</i>	87
VI.2	<i>Information System Architecture</i>	90
VI.2.1	<i>Data Architecture</i>	91
VI.2.1.1	<i>Data Architecture Requirement</i>	91
VI.2.1.2	<i>Data Entity/Data Component Catalog</i>	91

VI.2.1.3	<i>Data Entity/Business Function Matrix</i>	94
VI.2.1.4	<i>Application/Data Matrix</i>	96
VI.2.1.5	<i>Conceptual Data Diagram</i>	97
VI.2.1.6	<i>Logical Data Diagram</i>	99
VI.2.1.7	<i>Data Dissemination Diagram</i>	100
VI.2.2	<i>GAP Analysis Data Architecture</i>	101
VI.2.3	<i>Application Architecture</i>	105
VI.2.3.1	<i>Application Architecture Requirements</i>	105
VI.2.3.2	<i>Application Portofolio Catalog</i>	105
VI.2.3.3	<i>Application Interface Catalog</i>	106
VI.2.3.4	<i>Application/Organization Matrix</i>	106
VI.2.3.5	<i>Application/Function Matrix</i>	108
VI.2.3.6	<i>Application Interaction Matrix</i>	109
VI.2.3.7	<i>Application Communication Diagram</i>	113
VI.2.3.8	<i>Application and User Locations Diagram</i>	113
VI.2.3.9	<i>Application Use Case Diagram</i>	114
VI.2.4	<i>GAP Analysis Application Architecture</i>	117
VI.3	<i>Technology Architecture</i>	118
VI.3.1	<i>Technology Architecture Requirement</i>	119
VI.3.2	<i>Technology Standar Catalog</i>	119
VI.3.3	<i>Technology Portofolio Catalog</i>	120
VI.3.4	<i>Application/Technology Matrix</i>	123
VI.3.5	<i>Enviroment and Location Diagram</i>	124
VI.3.6	<i>Platform Decomposition Diagram</i>	125
VI.3.7	<i>Model Enterprise Architecture</i>	126
VI.3.8	<i>GAP Analysis Technology Architecture</i>	127
Bab VII	KESIMPULAN DAN SARAN	130
VII.1	Kesimpulan	130
VII.2	Saran	131
	DAFTAR PUSTAKA	132
	LAMPIRAN	135