

DAFTAR ISI

LEMBAR PENGESAHAN	i
LEMBAR PERNYATAAN ORISINALITAS	ii
ABSTRAK	iii
ABSTRACT	iv
KATA PENGANTAR	v
DAFTAR ISI	vii
DAFTAR GAMBAR DAN ILUSTRASI	x
DAFTAR TABEL	xii
DAFTAR ISTILAH DAN SINGKATAN	xiv
Bab I Pendahuluan	1
I.1 Latar Belakang Masalah	1
I.2 Rumusan Masalah	4
I.3 Tujuan Penelitian	4
I.4 Manfaat Penelitian	5
I.5 Batasan Masalah	5
I.6 Sistematika Penulisan	5
Bab II Kajian Teori	7
II.1 <i>Enterprise Architecture</i>	7
II.2 Penerapan <i>Enterprise Architecture</i> pada Perusahaan	8
II.3 Penerapan <i>Enterprise Architecture</i> pada fungsi Perencanaan dan Kinerja Perusahaan	9
II.4 <i>Framework Enterprise Architecture</i>	9
II.5 <i>The Open Group Architecture Framework (TOGAF)</i>	11
II.5.1 Komponen TOGAF	12
II.5.2 <i>Domain Architecture</i> pada TOGAF	12
II.5.3 Metode TOGAF ADM	13
II.6 <i>Reference Model</i>	16
II.6.1 <i>Enterprise Performance Management (EPM)</i>	16
II.6.2 <i>Balance Scorecard</i>	22
II.6.3 Odoos	25
II.7 Penerapan dan Perancangan <i>Enterprise Architecture</i> Pada PT. Semen Gresik untuk Fungsi Perencanaan dan Kinerja Perusahaan	27
Bab III METODE TUGAS AKHIR	32
III.1 Konseptual Model	32
III.2 Sistematikan Penelitian	35
III.2.1 Tahap Inisiasi	37
III.2.2 Tahap Identifikasi	38
III.2.3 Tahap Analisis dan Perencanaan	38
III.2.4 Tahap Kesimpulan dan Saran	41
Bab IV PERSIAPAN DAN IDENTIFIKASI	43
IV.1 Deskripsi Objek Penelitian	43
IV.2 Gambaran Perusahaan	43
IV.2.1 Struktur Organisasi	45
IV.3 Visi dan Misi	46
IV.3.1 Visi	46
IV.3.2 Misi	46

IV.3.3	Tujuan Perusahaan	46
IV.4	Rencana Jangka Panjang.....	47
IV.5	Gambaran Kondisi Aplikasi <i>Eksisting</i>	49
IV.6	Proses Bisnis Perusahaan.....	49
IV.7	Permasalahan <i>Eksisting</i> Perusahaan	50
Bab V	ANALISIS DAN PERANCANGAN	54
V.1	<i>Preliminary Phase</i>	54
V.1.1	<i>Principle Catalog</i>	54
V.2	<i>Architecture Vision</i>	60
V.2.1	<i>Stakeholder Map Matrix</i>	60
V.2.2	<i>Value Chain Diagram</i>	63
V.2.3	<i>Solution Concept Diagram</i>	64
V.2.4	Identifikasi <i>Goals</i>	65
V.2.5	<i>Goal Diagram</i>	66
V.2.6	<i>Goal Catalog</i>	68
V.2.7	<i>Requirement Catalog</i>	76
V.3	<i>Business Architecture</i>	77
V.3.1	<i>Business Footprint Diagram</i>	78
V.3.2	<i>Goal / Objective / Requirement Catalog</i>	79
V.3.3	<i>Business Interaction Matrix</i>	80
V.3.4	<i>Functional Decomposition Diagram</i>	97
V.3.5	<i>Business Service / Function Catalog</i>	97
V.3.6	<i>Organization / Actor Catalog</i>	100
V.3.7	<i>Role Catalog</i>	101
V.3.8	<i>Actor / Role Matrix</i>	115
V.3.9	<i>Process / Event / Control / Product Catalog</i>	116
V.3.10	<i>Service Catalog</i>	139
V.3.11	<i>Process Flow Diagram</i>	139
V.3.12	<i>GAP Analysis</i>	161
V.4	<i>Information System Architecture</i>	162
V.4.1	<i>Data Architecture</i>	162
V.4.2	<i>Application Architecture</i>	162
V.5	<i>Technology Architecture</i>	173
V.6	<i>Opportunities and Solutions</i>	189
V.6.1	<i>Implementation Factor Assessment and Deduction Matrix</i>	189
V.6.2	<i>Consolidate GAPS and Solution Matrix</i>	192
V.6.3	<i>Consolidate and Reconcile Interoperability Requirements</i>	196
V.6.4	<i>Project Context Catalog</i>	199
V.6.5	<i>Project Context Diagram</i>	207
V.6.6	<i>Benefit Diagram</i>	208
V.7	<i>Migration Planning</i>	208
V.7.1	<i>Estimate value and Risk</i>	208
V.7.2	Valuasi Investasi Proyek.....	210
V.7.3	<i>Business Value Assessment</i>	233
V.7.4	Prioritas Pembangunan Proyek	233
V.7.5	IT Roadmap.....	235
Bab VI	Kesimpulan dan Saran	241
VI.1	Kesimpulan	241

VI.2	Saran	241
DAFTAR PUSTAKA	243
LAMPIRAN	246