

DAFTAR ISI

LEMBAR PENGESAHAN	1
LEMBAR PERNYATAAN ORISINALITAS	ii
ABSTRAK	iii
ABSTRACT	v
KATA PENGANTAR	vii
DAFTAR ISI	viii
DAFTAR GAMBAR	xii
DAFTAR TABEL	xv
DAFTAR ISTILAH	xvii
DAFTAR SINGKATAN	xix
Bab I PENDAHULUAN	20
I.1 Latar Belakang	20
I.2 Rumusan Masalah	23
I.3 Tujuan Penelitian	23
I.4 Batasan Masalah	23
I.5 Manfaat Penelitian	24
I.6 Sistematika Laporan	24
Bab II TINJAUAN PUSTAKA	26
II.1 <i>Enterprise Architecture</i> (EA)	26
II.2 <i>Framework Enterprise Architecture</i>	27
II.2.1 The Open Group Architecture Framework (TOGAF)	28
II.3 <i>Enterprise Resource Planning</i> (ERP)	33
II.3.1 Modul Pada Sistem ERP	34
II.4 Microsoft Dynamics AX 2012	35
II.4.1 <i>Procurement And Sourcing</i>	36
II.5 Penerapan ERP pada Perusahaan	37
Bab III METODOLOGI PENELITIAN	39
III.1 Model Konseptual	39
III.2 Sistematikan Penelitian	41
III.2.1 Tahap Inisiasi	44

III.2.2	Tahap Identifikasi.....	44
III.2.3	Tahap Analisis dan Perencanaan.....	44
III.2.4	Tahap Kesimpulan dan Saran.....	48
Bab IV	PERSIAPAN DAN IDENTIFIKASI.....	49
IV.1	Deskripsi Objek Penelitian	49
IV.2	Gambaran Perusahaan.....	49
IV.3	Visi Misi PT Bio Farma.....	52
IV.3.1	Visi	52
IV.3.2	Misi	52
IV.3.3	Core Value	52
IV.4	Rencana Pengembangan Sistem Informasi	52
IV.5	Kebijakan Sistem Manajemen Perusahaan	53
IV.6	Gambaran Kondisi Aplikasi Saat ini	54
IV.7	Proses Bisnis Perusahaan.....	54
IV.8	Permasalahan yang Dihadapi Perusahaan.....	55
IV.8.1	Permasalahan Dalam Divisi	55
Bab V	ANALISIS DAN PERENCANAAN	56
V.1	<i>Preliminary Phase</i>	56
V.1.1	<i>Principle Catalog</i>	56
V.2	<i>Architecture Vision</i>	57
V.2.1	<i>Stakeholder Map Matrix</i>	58
V.2.2	<i>Value Chain Diagram</i>	62
V.2.3	<i>Solution Concept Diagram</i>	63
V.2.4	<i>Goal Diagram</i>	64
V.2.5	<i>Goal Catalog</i>	65
V.2.6	<i>Requirement Catalog</i>	66
V.3	<i>Business Architecture</i>	67
V.3.1	<i>Business Footprint Diagram</i>	68
V.3.2	<i>Goal/Objective/Requirement Catalog</i>	68
V.3.3	<i>Business Interaction Matrix</i>	69
V.3.4	<i>Functional Decomposition Diagram</i>	84
V.3.5	<i>Business Service/Function Catalog</i>	84

V.3.6	<i>Organization/Actor Catalog</i>	85
V.3.7	<i>Role Catalog</i>	88
V.3.8	<i>Actor/Role Matrix</i>	92
V.3.9	<i>Process/Event/Control/Product Catalog</i>	93
V.3.10	<i>Service Catalog</i>	94
V.3.11	<i>Process Flow Diagram</i>	95
V.3.12	<i>GAP Analysis Business Architecture</i>	120
V.4	<i>Information System Architecture</i>	125
V.4.1	<i>Data Architecture</i>	125
V.4.2	<i>Application Architecture</i>	142
V.5	<i>Technology Architecture</i>	151
V.5.1	<i>Technology Architecture Requirement</i>	152
V.5.2	<i>Technology Standard Catalog</i>	152
V.5.3	<i>Technology Portofolio Catalog</i>	153
V.5.4	<i>Application / Technology Matrix</i>	158
V.5.5	<i>Environments and Location Diagram</i>	159
V.5.6	<i>Platform Decomposition Diagram</i>	159
V.5.7	<i>GAP Analysis Technology Architecture</i>	160
V.6	<i>Opportunities and Solutions</i>	161
V.6.1	<i>Implementation Factor Assesment and Deduction Matrix</i>	161
V.6.2	<i>GAP Analysis</i>	163
V.6.3	<i>Project Context Diagram</i>	166
V.6.4	<i>Benefit Diagram</i>	168
V.7	<i>Migration Planning</i>	170
V.7.1	<i>Estimate Value and Risk</i>	170
V.7.2	<i>Valuasi Investasi Proyek TI</i>	172
V.7.3	<i>Business Value Assessment</i>	176
V.7.4	<i>Project Development Priority</i>	176
V.7.5	<i>IT Roadmap</i>	177
V.7.6	<i>Blueprint Enterprise Architecture</i>	181
KESIMPULAN DAN SARAN		183
VI.1	<i>Kesimpulan</i>	183

VI.2 Saran	183
DAFTAR PUSTAKA	185
LAMPIRAN	188
Lampiran 1 Form Evaluasi Feedback Hasil Perancangan <i>Enterprise Architecture</i> PT Bio Farma (Persero)	188