

DAFTAR ISI

COVER	i
HALAMAN JUDUL	ii
LEMBAR PENGESAHAN TUGAS AKHIR	iii
LEMBAR PENGESAHAN PENGUJI SIDANG	iv
LEMBAR PERNYATAAN KEASLIAN	v
KATA PENGANTAR	vi
ABSTRAK	viii
DAFTAR ISI	ix
DAFTAR GAMBAR	xvi
DAFTAR TABEL	xviii

BAB I PENDAHULUAN

1.1 Latar Belakang	1
1.2 Identifikasi Masalah	3
1.3 Tujuan Penelitian	3
1.4 Batasan Masalah	4
1.5 Manfaat Penelitian	4
1.6 Metodologi	5

BAB II LANDASAN TEORI

2.1	Teori Umum	7
2.1.1	Perencanaan	7
2.1.2	Strategi	7
2.1.3	Sistem	7
2.1.4	Sistem Informasi	8
2.1.5	Teknologi Informasi	8
2.1.6	Perencanaan Strategis Sistem dan Teknologi Informasi	8
2.2	Teori Khusus	9
2.2.1	Analisis Lingkungan Eksternal Perusahaan	9
2.2.1.1	Analisis PEST	9
2.2.1.2	Analisis 5 (Lima) Daya Persaingan Menurut Porter	11
2.2.2	Analisis Lingkungan Internal Perusahaan	13
2.2.2.1	Analisis SWOT	13
2.2.2.2.1	Matrik SWOT	15
2.2.2.1.2	Diagram Analisis SWOT	20
2.2.2.2	<i>Value Chain Business (Value Shop)</i>	22
2.2.2.3	<i>Balanced Scorecard</i>	26
2.2.3	<i>Enterprise Architecture</i>	28
2.2.3.1	Menghubungkan EA dan Strategi	29

2.2.3.2	Menghubungkan EA dan Perencanaan Bisnis	29
2.2.3.3	EA Sebagai Program Manajemen	29
2.2.3.4	EA Sebagai Metode Dokumentasi	31
2.2.3.5	EA <i>Artifact</i>	34
2.2.3.5.1	<i>Goal and Initiatives</i>	35
2.2.3.5.2	<i>Product and Service</i>	35
2.2.3.5.3	<i>Data and Information</i>	38
2.2.3.5.4	<i>System and Application</i>	38
2.2.3.5.5	<i>Network and Infrastructure</i>	39
2.2.3.5.6	<i>Security/Standards/Workforce</i>	40

BAB III LANGKAH PEMECAHAN MASALAH

3.1	Kerangka Pemikiran	42
3.2	Gambaran Umum Perusahaan	43
3.2.1	Sejarah Singkat Perusahaan	43
3.2.2	Visi dan Misi	44
3.2.3	Struktur Organisasi	44
3.3	Penetapan Kriteria Optimasi	45
3.3.1	<i>Strategic Goals and Initiatives</i>	45
3.3.2	Analisis PEST	45
3.3.3	Analisis Lima Daya Saing Porter	48
3.3.4	Analisis SWOT	51

3.3.4.1	Matrik SWOT	54
3.3.4.2	Diagram SWOT	60
3.3.5	<i>Value Chain Business (Value Shop)</i>	61
3.3.6	<i>Balanced Scorecard</i>	65
3.3.7	<i>Product and Service</i>	66
3.3.7.1	<i>Business Plan</i>	66
3.3.7.2	<i>Swim Lane Process Diagram</i>	67
3.3.8	<i>Data and Information</i>	71
3.3.8.1	<i>Logical Data Model</i>	71
3.3.9	<i>System and Application</i>	72
3.3.9.1	<i>Use Case Diagram</i>	72
3.3.10	<i>Network and Infrastructure</i>	73
3.3.10.1	<i>Network Connectivity Diagram</i>	73
3.3.11	<i>Security/Standards/Workforce</i>	74
3.3.11.1	<i>Security</i>	74
3.3.11.2	<i>Standards</i>	75
3.3.11.3	<i>Workforce</i>	76
3.4	Pengembangan Alternatif Solusi	77
3.5	Pengembangan Model Optimasi	77

BAB IV HASIL DAN PEMBAHASAN

4.1	Proses Strategi Bisnis.....	78
4.2	<i>Update Strategic Goals and Initiavites</i>	78
4.2.1	Penyelarasan Visi dan Misi	79
4.2.2	Penyelarasan Strategi.....	80
4.3	<i>Improved Business Product Service</i>	81
4.3.1	<i>Business Plan</i>	81
4.3.2	Struktur Organisasi Usulan.....	81
4.3.3	<i>Swim Lane Process Diagram</i>	82
4.4	<i>Enhanced Data and Information</i>	88
4.4.1	<i>Logical Data Model</i>	88
4.4.2	<i>Data Dictionary</i>	88
4.5	<i>Integrated System and Application</i>	90
4.5.1	<i>Use Case Diagram</i> Usulan	90
4.5.2	<i>Activity/Entity Matrix</i>	93
4.6	<i>Optimized Network and Infrastructure</i>	94
4.7	<i>Security</i>	96
4.7.1	<i>Security and Privacy Plan</i>	96
4.7.2	<i>Disaster Recovery Plan</i>	97
4.8	<i>Standard</i>	98
4.9	<i>Workforce</i>	101

4.10	<i>Enterprise Architecture Program Management</i>	102
4.10.1	<i>Governance and Principle</i>	102
4.10.2	<i>Support For Strategic and Business</i>	102
4.10.3	<i>EA Roles and Responsibility</i>	103
4.10.4	<i>EA Performance Measure</i>	104
4.10.5	<i>EA Program Budget</i>	105
4.11	<i>EA Current Architecture Summary</i>	109
4.11.1	<i>Strategic Goal and Initiatives</i>	109
4.11.2	<i>Business Service and Information Flows</i>	110
4.11.3	<i>System and Application</i>	110
4.11.4	<i>Technology Infrastructure</i>	110
4.11.5	<i>IT Security</i>	110
4.11.6	<i>EA Standard</i>	111
4.11.7	<i>Workforce Requirement</i>	111
4.12	<i>EA Future Architecture Summary</i>	111
4.12.1	<i>Future Operating Scenario</i>	111
4.12.2	<i>Planning Assumptions</i>	112
4.12.3	<i>Updating Current and Future View</i>	113
4.12.4	<i>Perencanaan Strategi Jangka Panjang</i>	117
4.12.5	<i>Configuration Management</i>	119

BAB V KESIMPULAN DAN SARAN

5.1 Kesimpulan	120
5.2 Saran	121

DAFTAR PUSTAKA

DAFTAR RIWAYAT HIDUP

LAMPIRAN