

DAFTAR ISI

ABSTRAK	i
<i>ABSTRACT</i>	iii
LEMBAR PENGESAHAN	v
LEMBAR PERNYATAAN ORISINALITAS	vi
KATA PENGANTAR	vii
LEMBAR PERSEMBAHAN	viii
Daftar Isi.....	x
Daftar Gambar.....	xiv
Daftar Tabel	xvi
Daftar Lampiran	xvii
Daftar Istilah.....	xviii
BAB I Pendahuluan	1
I.1 Latar Belakang	1
I.2 Perumusan Masalah.....	3
I.3 Tujuan Tugas Akhir.....	4
I.4 Manfaat Tugas Akhir.....	4
I.5 Batasan dan Asumsi Tugas Akhir	4
I.6 Sistematika Laporan	5
BAB II LANDASAN TEORI	7
II.1 <i>Enterprise Resource Planning</i> (ERP).....	7
II.2 Perbandingan Aplikasi ERP	9
II.3 SAP (<i>System Application & Product</i>)	11
II.3.1 Pengertian SAP	11
II.3.2 Arsitektur Aplikasi SAP	12

II.3.3	<i>Advanced Business Application Programming (ABAP)</i>	14
II.3.4	<i>Remote Functional Call</i>	14
II.4	<i>Human Capital Information System</i>	15
II.5	<i>User Access Management</i>	16
II.6	Konseptual Protokol RFC	16
II.7	<i>Business Process Management (BPM)</i>	19
II.8	<i>SAP Activate</i>	20
II.9	<i>Fit-Gap Analysis</i>	22
II.10	<i>Unit Testing</i>	22
II.11	<i>Integration Testing</i>	22
II.12	<i>State of Arts</i>	23
BAB III Metode PENYELESAIAN MASALAH.....		26
III.1	Kerangka Berpikir.....	26
III.2	Sistematika Penyelesaian Masalah	27
III.3	Pengumpulan Data	30
III.4	Perancangan Sistem dan Pembangunan Protokol	31
III.5	Metode Evaluasi	31
III.6	Alasan Pemilihan Metode	32
III.7	Rencana Jadwal Kegiatan	33
BAB IV Penyelesaian permasalahan		35
IV.1	Perusahaan Telekomunikasi	35
IV.1.1	Profil Perusahaan Telekomunikasi	35
IV.1.2	Visi dan Misi.....	35
IV.2	<i>Discover</i>	36
IV.2.1	<i>Strategic planning</i>	36
IV.2.2	<i>Application Value - Scoping</i>	37

IV.3	<i>Prepare - Prototype</i>	39
IV.3.1	<i>Kick-Off Project</i>	39
IV.3.2	<i>Setup and Enablement</i>	40
IV.3.3	<i>Struktur Organisasi Human Capital Information System (HCIS)</i>	41
IV.3.4	<i>Proses Bisnis User Access Review (As-Is)</i>	42
IV.3.5	<i>Proses Bisnis Provisioning Access Data (As-Is)</i>	44
IV.4	<i>Explore</i>	45
IV.4.1	<i>Fit Gap Analysis</i>	45
IV.4.2	<i>Desain Bisnis Proses (To-Be)</i>	48
IV.4.2.1	<i>Proses Bisnis User Access Review (To-Be)</i>	49
IV.4.2.2	<i>Proses Bisnis Provisioning Access Data (To-Be)</i>	51
IV.4.3	<i>Architectural Design</i>	52
IV.4.3.1	<i>Integration Architecture Diagram</i>	53
IV.4.3.2	<i>Communication Application Diagram</i>	53
IV.4.3.3	<i>Activity Diagram</i>	54
IV.4.3.3.1	<i>User Access Review - Activity Diagram</i>	55
IV.4.3.3.2	<i>Provisioning - Activity Diagram</i>	57
IV.4.4	<i>Perancangan Protokol RFC</i>	59
IV.4.5	<i>Data Mapping</i>	60
IV.5	<i>Realize</i>	62
IV.5.1	<i>Konfigurasi</i>	62
IV.5.1.1	<i>Konfigurasi Import</i>	62
IV.5.1.2	<i>Konfigurasi Tables</i>	64
IV.5.1.3	<i>Konfigurasi Exceptions</i>	64
IV.5.2	<i>RFC Development</i>	65
IV.5.2.1	<i>RFC Program - Z_RFC_UPDATE_JARVIS</i>	65

IV.5.2.2	RFC Program - Z_RFC_UAR_D	66
IV.5.2.3	RFC Program - Z_RFC_PROVISIONING_C	67
IV.5.2.4	RFC Program - Z_RFC_PROVISIONING_D	68
IV.5.3	Create Web Service	69
BAB V VALIDASI, ANALISIS HASIL, DAN IMPLIKASI.....		71
V.1	Test	71
V.1.1	Unit Testing.....	71
V.1.2	Integration Testing.....	72
V.1.2.1	SOAP Test – Z_RFC_UPDATE_JARVIS	72
V.1.2.2	SOAP Test – Z_RFC_UAR_D.....	73
V.1.2.3	SOAP Test – Z_RFC_PROVISIONING_C	73
V.1.2.4	SOAP Test – Z_RFC_PROVISIONING_D.....	74
V.2	Evaluasi Hasil Pengujian.....	75
V.3	Dampak Hasil Tugas Akhir	75
BAB VI Kesimpulan dan saran.....		76
VI.1	Kesimpulan	76
VI.2	Saran	76
Daftar pustaka		77
DAFTAR LAMPIRAN.....		81