

## DAFTAR ISI

LEMBAR PENGESAHAN .....	ii
LEMBAR PERNYATAAN ORISINALITAS .....	iii
ABSTRAK .....	iv
ABSTRACT .....	v
KATA PENGANTAR .....	vi
DAFTAR ISI .....	viii
DAFTAR GAMBAR .....	xii
DAFTAR TABEL .....	xiv
DAFTAR ISTILAH .....	xvi
BAB I PENDAHULUAN .....	1
I.1 Latar Belakang .....	1
I.2 Perumusan Masalah .....	5
I.3 Tujuan Penelitian .....	5
I.4 Batasan Masalah .....	5
I.5 Manfaat Penelitian .....	6
I.6 Sistematika Penulisan .....	6
BAB II TINJAUAN PUSTAKA .....	8
II.1 Sistem Informasi .....	8
II.2 <i>Enterprise Resource Planning</i> .....	8
II.2.1 Definisi ERP .....	8
II.2.2 Manfaat ERP .....	9
II.2.3 Karakteristik ERP .....	10
II.2.4 Kelebihan ERP .....	11
II.3 <i>Procurement</i> .....	11
II.4 <i>Warehouse Management</i> .....	13
II.5 <i>Business Process Modeling Notation</i> .....	13
II.6 Perbandingan <i>Open Source ERP</i> .....	15
II.7 Odoo .....	18
II.7.1 Definisi Odoo .....	19
II.7.2 Target Penggunaan Odoo .....	19

II.8	Metode ASAP.....	19
II.8.1	Perbandingan Metodologi.....	21
BAB III	METODOLOGI PENELITIAN .....	24
III.1	Model Konseptual .....	24
III.2	Sistematika Pemecahan Masalah.....	25
III.2.1	Tahap Mengidentifikasi Masalah.....	27
III.2.2	<i>Project Preparation</i> .....	27
III.2.3	<i>Business Blueprint</i> .....	27
III.2.4	<i>Realization</i> .....	27
III.2.5	<i>Final Preparation</i> .....	27
III.2.6	<i>Go Live and Support</i> .....	28
III.2.7	<i>Closing</i> .....	28
III.3	Analisis Elemen Keberhasilan Pengembangan ERP.....	28
BAB IV	ANALISIS DAN PERANCANGAN.....	30
IV.1	<i>Project Prepation</i> .....	30
IV.1.1	Gambaran Umum Perusahaan.....	30
IV.1.2	Gambaran Umum Bagian Pengadaan dan Gudang.....	30
IV.1.3	<i>Project Goals</i> .....	31
IV.1.4	<i>Project Scope</i> .....	31
IV.2	<i>Business Blueprint</i> .....	32
IV.2.1	Analisis Proses Bisnis <i>Existing (As Is)</i> .....	32
IV.2.1.1	Proses Bisnis <i>Existing</i> Pengadaan Bahan .....	32
IV.2.1.2	Proses Bisnis <i>Existing</i> Penerimaan Bahan.....	33
IV.2.1.3	Proses Bisnis Barang Jadi di Gudang .....	34
IV.2.2	Analisis Form <i>Existing (As Is)</i> .....	35
IV.2.3	Analisis Proses Bisnis Odoo .....	35
IV.2.3.1	Proses Bisnis Modul <i>Purchase Management</i> Odoo .....	35
IV.2.3.2	Proses Bisnis Modul <i>Warehouse Management</i> Odoo.....	37
IV.2.4	Analisis Form Odoo .....	38
IV.2.4.1	Form <i>Request for Quotation</i> dan <i>Purchase Order</i> .....	39
IV.2.4.2	Form <i>Incoming Shipment</i> .....	41
IV.2.4.3	Form <i>Draft Invoice</i> .....	42

IV.2.4.4	Form <i>Supplier</i> .....	44
IV.2.4.5	Form <i>Product</i> .....	46
IV.2.5	Analisis GAP .....	48
IV.2.6	Analisis Risiko .....	57
IV.2.7	Analisis Proses Bisnis Usulan ( <i>To Be</i> ).....	63
IV.2.7.1	Analisis Proses Pengadaan Bahan Kebutuhan Produksi.....	64
IV.2.8	Analisis Form Usulan ( <i>To Be</i> ) .....	65
IV.2.8.1	Form Usulan <i>Request for Quotation</i> dan <i>Purchase Order</i> .....	65
IV.2.8.2	Form Usulan <i>Draft Invoice</i> .....	65
IV.2.8.3	Form Usulan <i>Supplier</i> .....	66
IV.2.8.4	Form Usulan <i>Product</i> .....	67
IV.2.9	Perancangan Sistem .....	68
IV.2.9.1	<i>Use Case Diagram</i> .....	69
IV.2.9.2	<i>Activity Diagram</i> .....	70
V.1	Tahap <i>Realization</i> .....	91
V.1.1	Instalasi Aplikasi.....	91
V.1.2	<i>Master Setup</i> .....	91
V.1.2.1	Pengaturan Perusahaan.....	91
V.1.2.2	Konfigurasi <i>User</i> .....	93
V.1.2.3	Konfigurasi Umum.....	93
V.1.2.4	Konfigurasi Modul <i>Purchase</i> dan <i>Warehouse Management</i> .....	94
V.1.3	Penyesuaian Modul <i>Purchase</i> dan <i>Warehouse Management</i> .....	95
V.1.4	Pengoperasian Modul <i>Purchase</i> dan <i>Warehouse Management</i> .....	96
V.2	<i>Final Preparation</i> .....	96
V.2.1	Pengujian Modul <i>Purchase Management</i> , <i>Warehouse Management</i> , <i>Manufacture</i> , dan <i>Sales Management</i> .....	96
V.2.2	Migrasi Data .....	97
BAB VI	KESIMPULAN DAN SARAN .....	98
VI.1	Kesimpulan.....	98
VI.2	Saran.....	98
DAFTAR PUSTAKA	.....	99
LAMPIRAN	.....	101

LAMPIRAN A .....	102
LAMPIRAN B .....	105
LAMPIRAN C .....	108
LAMPIRAN D .....	110
LAMPIRAN E.....	111
E.1 Langkah Instalasi Odoo dan PostgreSQL .....	111
E.2 Membuat <i>Database</i> .....	116
E.3 Instalasi Modul <i>Purchase</i> dan <i>Warehouse Management</i> .....	116
LAMPIRAN F.....	118
F.1 Mendefinisikan Perusahaan.....	118
F.2 Konfigurasi <i>User</i> .....	119
F.3 Pengaturan Bahasa dan <i>Timezone</i> .....	123
F.5 Konfigurasi <i>Email</i> .....	126
LAMPIRAN G .....	132
G.1 Mengaktifkan <i>Developer Mode</i> .....	132
G.2 Penyesuaian Form <i>Supplier</i> .....	133
G.3 Penyesuaian Form <i>Product</i> .....	137
G.4 Penyesuaian Form <i>Request for Quotation</i> .....	142
G.5 Penyesuaian <i>Form Draft Invoice</i> .....	146
LAMPIRAN H .....	150
H.1 Prosedur Pembuatan <i>Supplier</i> .....	150
H.2 Prosedur Pembuatan Produk .....	151
H.3 Prosedur Pembuatan <i>Request for Quotation</i> .....	153
H.4 Prosedur Penerimaan Barang .....	157
H.5 Prosedur Transfer Produk Sebelum Produksi .....	159
LAMPIRAN I.....	163