

## DAFTAR ISI

LEMBAR PENGESAHAN .....	i
LEMBAR ORISINALITAS .....	ii
ABSTRAK .....	iii
ABSTRACT .....	iv
KATA PENGANTAR .....	v
DAFTAR ISI.....	vii
DAFTAR GAMBAR .....	xii
DAFTAR TABEL.....	xiii
DAFTAR ISTILAH .....	xiv
DAFTAR SINGKATAN .....	xv
BAB I .....	1
I.1.    Latar Belakang .....	1
I.2.    Perumusan Masalah.....	7
I.3.    Tujuan Penelitian.....	7
I.4.    Batasan Penelitian .....	7
I.5.    Manfaat Penelitian.....	8
I.6.    Sistematika Penulisan.....	8
BAB II.....	9
II.1.    ERP .....	9
II.2.    Konsep Dasar ERP .....	9
II.3.    Kriteria Sistem ERP .....	10
II.4.    Manfaat Implementasi ERP .....	11
II.5. <i>Purchasing</i> .....	11
II.6. <i>Inventory Management</i> .....	12
II.7. <i>Fit/gap Analysis</i> .....	12

II.8.	<i>Accelerated SAP (ASAP)</i> .....	13
II.8.1.	Kelebihan <i>Accelerated SAP</i> .....	14
II.9.	<i>Odoo</i> .....	15
II.9.1.	Perbandingan <i>Odoo 9</i> .....	15
II.10.	<i>Extensible Markup Language (XML)</i> .....	16
II.11.	<i>Flowchart</i> .....	17
II.12.	<i>Usecase Diagram</i> .....	18
II.13.	<i>Activity Diagram</i> .....	19
BAB III	.....	20
III.1.	Model Konseptual .....	20
III.2.	Sistematika Pemecahan Masalah .....	22
BAB IV	.....	25
IV.1.	<i>Project Preparation</i> .....	25
IV.1.1.	<i>Project Goals</i> .....	25
IV.1.2.	<i>Project Scope</i> .....	25
IV.1.3.	<i>Project Team</i> .....	26
IV.1.4.	<i>Project Timeline</i> .....	27
IV.1.5.	Studi Pustaka dan Penelitian.....	29
IV.2.	Gambaran Umum PT. Aretha Nusantara Farm.....	29
IV.2.1.	Visi.....	30
IV.2.2.	Misi .....	30
IV.2.3.	Struktur Organisasi PT. Aretha Nusantara Farm .....	30
IV.3.	<i>Business Blue Print</i> .....	32
IV.3.1.	Proses Bisnis Saat Ini Pada PT. Aretha Nusantara Farm.....	33
IV.3.2.	Proses bisnis saat ini pada sub divisi pakan dan OVK pada PT. Aretha Nusantara Farm.....	34
IV.3.3.	Proses Bisnis <i>Purchase Management</i> di Odoo .....	35
IV.3.4.	Proses bisnis <i>Inventory Management</i> di Odoo.....	35
IV.4.	<i>Fit/Gap Analysis</i> .....	37
IV.4.1.	<i>Fit/Gap Analisys Purchase</i> .....	37
IV.4.2.	<i>Fit/Gap Analisys Inventory</i> .....	41
IV.5.	Analisis Risiko .....	45

IV.6.	Proses Bisnis Usulan .....	58
IV.6.1.	Usulan Struktur Organisasi .....	58
IV.6.2.	Proses Bisnis Usulan .....	60
IV.7.	Desain <i>Form</i> Usulan.....	61
IV.7.1.	Desain <i>Form Request For Quotation</i> dan <i>Purchase Order</i> .....	61
IV.7.2.	Desain <i>Form Vendor Bills</i> .....	62
IV.8.	Desain Perancangan Pada Odoo.....	62
IV.8.1.	<i>Use Case Diagram</i> .....	62
IV.8.2.	<i>Activity Diagram</i> .....	63
IV.8.3.	<i>Activity Diagram</i> Pembelian Barang .....	71
IV.8.4.	<i>Activity Diagram</i> Membuat Tagihan <i>Vendor</i> .....	72
IV.8.5.	<i>Activity Diagram</i> <i>Vendor</i> .....	73
IV.8.6.	<i>Activity Diagram</i> Menghapus <i>Vendor</i> .....	74
IV.8.7.	<i>Activity Diagram</i> <i>Incoming Product</i> .....	75
IV.8.8.	<i>Activity Diagram</i> <i>Internal Transfer</i> .....	76
IV.8.9.	<i>Activity Diagram</i> <i>Reordering Rules</i> .....	77
IV.8.10.	<i>Activity Diagram</i> <i>Inventory Adjustment</i> .....	78
IV.8.11.	<i>Activity Diagram</i> Melihat Stock Barang.....	79
BAB V	.....	80
V.1.	Instalasi.....	80
V.1.1.	Instalasi Odoo di <i>Virtual Private Server (VPS)</i> .....	80
V.2.	Konfigurasi.....	80
V.2.1.	<i>Master setup</i> modul <i>purchasing</i> dan <i>inventory</i> .....	80
V.2.2.	<i>Create Company</i> .....	81
V.2.3.	<i>Create Users and Authorization</i> .....	81
V.2.4.	<i>Create Warehouse</i> .....	80
V.2.5.	<i>Create Picking Tpye</i> .....	80
V.2.6.	<i>Create Product</i> .....	81
V.2.7.	<i>Create Vendor</i> .....	81
V.3.	<i>Technical Development</i> .....	82
V.3.1.	<i>Create Custom Form</i> .....	82
V.3.3.	<i>Create Custom Function Button</i> .....	83

V.3.4. <i>Create Report</i> .....	83
V.4. Prosedur Penggunaan Modul .....	83
V.4.1. Prosedur Penggunaan Modul <i>Purchasing</i> .....	83
V.4.2. Prosedur Penggunaan Modul <i>Inventory</i> .....	85
V.5. Pengujian Integrasi.....	86
 BAB VI.....	88
 FINAL PREPARATION .....	88
VI.1. <i>User Acceptance Test</i> .....	88
 BAB VII.....	89
 KESIMPULAN DAN SARAN .....	89
VII.1. Kesimpulan.....	89
VII.2. Saran .....	89
 DAFTAR PUSTAKA .....	90
 LAMPIRAN A INSTALASI .....	91
 LAMPIRAN B KONFIGURASI <i>USER</i> .....	95
B.1 Membuat <i>User</i> .....	95
B.2 Hak Akses <i>User</i> .....	96
 LAMPIRAN C <i>MASTER SETUP</i> .....	98
 LAMPIRAN D <i>COMPANY</i> .....	100
 LAMPIRAN E <i>VENDOR</i> .....	102
 LAMPIRAN F <i>PRODUCTS</i> .....	103
 LAMPIRAN G <i>TECHNICAL DEVELOPMENT</i> .....	104
G.1. <i>Request For Quotation</i> dan <i>Purchase Order</i> .....	104
G.2. <i>Create Report</i> .....	106
 LAMPIRAN H PROSEDUR PENGGUNAAN MODUL .....	108
H.1 <i>Request For Quotaion</i> .....	108
H.2 <i>Purchase Order</i> .....	109
H.3 <i>Incoming Products</i> .....	111
H.4 <i>Vendor Bills</i> .....	112

H.5 <i>All Transfer</i> .....	113
H.6 <i>Inventory Adjustment</i> .....	114
H.7 <i>Run reordering rules</i> .....	115
H.8 <i>Inventory valuation</i> .....	115
H.9 <i>Stock Moves</i> .....	116
H.10 <i>Procurement Exceptions</i> .....	116
H.11 <i>Warehouse</i> .....	117
H.12 <i>Location</i> .....	118
H.13 <i>Operations type</i> .....	119
LAMPIRAN I WAWANCARA .....	120
LAMPIRAN J <i>USER ACCEPTANCE TEST</i> .....	121
LAMPIRAN K STRUKTUR ORGANISASI USULAN .....	126