

## DAFTAR ISI

ABSTRAK .....	i
<i>ABSTRACT</i> .....	ii
LEMBAR PENGESAHAN.....	iii
LEMBAR PERNYATAAN ORISINALITAS .....	iv
KATA PENGANTAR .....	v
LEMBAR PERSEMBAHAN .....	vi
DAFTAR ISI.....	vii
DAFTAR GAMBAR .....	x
DAFTAR TABEL.....	xii
DAFTAR LAMPIRAN .....	xiii
DAFTAR SINGKATAN .....	xiv
BAB I PENDAHULUAN.....	1
I.1 Latar Belakang .....	1
I.2 Perumusan Masalah.....	4
I.3 Tujuan Penelitian.....	4
I.4 Batasan Penelitian .....	4
I.5 Manfaat Penelitian.....	5
BAB II TINJAUAN PUSTAKA .....	6
II.1 ERP (Enterprise Resource Planning) .....	6
II.1.1 Definisi ERP.....	6
II.2 Manfaat ERP .....	7
II.3 UKM (Usaha, Kecil, Menengah) .....	8
II.3.1 Undang-Undang Usaha Kecil dan Menengah (UKM) .....	8
II.3.2 Permasalahan UKM.....	9
II.4 Dolibarr .....	11
II.5 Produksi.....	11
II.6 Manufacturing.....	12
II.7 Accelerated SAP (ASAP).....	12
II.8 Konsep Smart UKM.....	12
II.9 Penelitian Terdahulu .....	13

BAB III METODOLOGI PENELITIAN.....	17
III.1 Kerangka Berpikir .....	17
III.2 Sistematika Penyelesaian Masalah.....	18
III.3 Pengumpulan Data .....	19
III.4 Pengolahan Data atau Pengembangan Produk / Artefak.....	20
III.5 Alasan Pemilihan Metode .....	20
BAB IV ANALISIS .....	21
IV.1 Business Processes Modeling .....	21
IV.1.1 System Model .....	21
IV.1.2 Organizational Model .....	21
IV.1.3 Entity Model .....	22
IV.1.4 Process Model Level 1: Core and Support Processes .....	23
IV.1.5 Process Model Level 2: Process Groups.....	24
IV.1.6 Process Model Level 3: Business Process .....	25
IV.1.7 RACI Chart .....	26
IV.1.8 Input .....	27
IV.1.9 Output.....	28
IV.1.10 User Roles .....	28
IV.2 Business Process Definition.....	29
IV.2.1 Use Case Diagram .....	33
IV.2.2 Activity Diagram.....	35
IV.2.3 Activity Diagram Membuat Data Bill of Material .....	35
IV.2.4 Activity Diagram Membuat Data Manufacturing Orders ....	36
IV.2.5 Activity Diagram Membuat Data Revaluation Manufacturing .....	38
IV.2.6 Activity Diagram Membuat Data Purchase Request.....	39
IV.2.7 Activity Diagram Membuat Data Request for Quotation ....	39
IV.2.8 Activity Diagram Membuat Data Purchase Order .....	40
IV.2.9 Activity Diagram Membuat Data Sales Order .....	41
IV.2.10 Activity Diagram Membuat Data Product .....	44
IV.2.11 Gap Analysis .....	45

BAB V DESAIN .....	48
V.1    Desain User Interface .....	48
V.1.1    Desain Form Login.....	48
V.1.2    Desain Form Manufacturing Orders.....	48
V.1.3    Desain Form Bill of Material .....	51
V.1.4    Desain Form Purchase Request.....	53
V.1.5    Desain Form Request for Quotation.....	55
V.1.6    Desain Form Purchase Order .....	58
V.1.7    Desain Form Vendor Invoice .....	61
V.1.8    Desain Form Revaluation Manufacturing .....	62
V.1.9    Desain Form Master Data Produk .....	63
V.1.10    Desain Form Master Data User .....	65
V.1.11    Desain Form Master Data Grup .....	67
V.1.12    Desain Form Master Data Vendor.....	67
V.1.13    Desain Form Home Dashboard .....	68
V.1.14    Desain Form MRP Dashboard .....	70
V.1.15    Desain Form Master Data Harga Beli .....	70
BAB VII KESIMPULAN DAN SARAN .....	72
VII.1 Kesimpulan .....	72
VII.2 Saran.....	72
DAFTAR PUSTAKA .....	73
LAMPIRAN.....	76