

DAFTAR ISI

ABSTRAK	i
<i>ABSTRACT</i>	ii
LEMBAR PENGESAHAN	iii
LEMBAR PERNYATAAN ORISINALITAS	iv
LEMBAR PERSEMBAHAN	v
KATA PENGANTAR	vi
DAFTAR ISI	vii
DAFTAR GAMBAR	x
DAFTAR TABEL	xi
DAFTAR LAMPIRAN	xiii
DAFTAR ISTILAH	xiv
BAB I PENDAHULUAN	1
I.1 Latar Belakang	1
I.2 Perumusan Masalah	5
I.3 Tujuan Penelitian	5
I.4 Batasan Penelitian	5
I.5 Manfaat Penelitian	6
I.6 Sistematika Penulisan	6
BAB II TINJAUAN PUSTAKA	8
II.1 ERP (<i>Enterprise Resource Planning</i>)	8
II.1.1 Konsep Dasar ERP	8
II.1.2 Siklus ERP	9
II.2 SAP (<i>System Application and Products in Data Processing</i>)	9
II.2.1 Sejarah SAP	10
II.2.2 Modul-Modul SAP	10

II.2.3	SAP ECC.....	11
II.3	<i>Plant Maintenance (PM)</i>	12
II.3.1	<i>Corrective Maintenance</i>	13
II.3.2	<i>Notification & Maintenance Order</i>	13
II.4	SEEM (<i>Service Engineering Methodology</i>)	14
II.5	UAT (<i>User Acceptance Test</i>)	15
II.6	<i>Breakdown Mesin</i>	15
II.7	<i>Industri Refinery</i>	16
II.8	Penelitian Terdahulu.....	18
BAB III	METODOLOGI PENELITIAN	22
III.1	Model Konseptual	22
III.2	Sistematika Penelitian	23
III.2.1	<i>Customers' Need Analysis</i>	25
III.2.2	<i>Process Prototyping</i>	25
III.2.3	<i>Process Validation</i>	25
III.3	Pengumpulan Data	26
III.4	Metode Evaluasi	26
III.5	Alasan Pemilihan Metode.....	26
BAB IV	ANALISIS DAN PERANCANGAN	27
IV.1	Profil Perusahaan.....	27
IV.1.1	Visi dan Misi PT. XYZ	27
IV.1.2	Struktur Organisasi	28
IV.2	Analisa Proses Bisnis	29
IV.3	Perancangan Konfigurasi Sistem.....	29
IV.4	Tahap <i>Customers' Need Analysis</i>	29
IV.4.1	<i>User Interview</i>	29

IV.4.2	<i>Identification</i>	30
IV.5	<i>Tahap Process Prototyping</i>	32
IV.5.1	<i>Requirements and Specification</i>	32
IV.5.2	<i>Service Requirement Tree</i>	33
IV.5.3	<i>Tahap Process Design</i>	34
BAB V	KONFIGURASI DAN EVALUASI	39
V.1	<i>Tahap Process Validation</i>	39
V.1.1	<i>Model Validation</i>	39
V.1.2	<i>What-If Analysis</i>	39
V.1.3	Konfigurasi pada Proses <i>Corrective Maintenance</i>	40
V.2	<i>User Acceptance Testing</i>	51
V.2.1	<i>Test Execution</i>	51
V.2.2	Hasil Analisis	60
BAB VI	PENUTUP	61
VI.1	Kesimpulan	61
VI.2	Saran	61
DAFTAR PUSTAKA		63
LAMPIRAN		67