

## DAFTAR ISI

LEMBAR PENGESAHAN .....	i
LEMBAR PERNYATAAN ORISINALITAS .....	ii
ABSTRAK.....	iii
<i>ABSTRACT</i> .....	iv
KATA PENGANTAR .....	v
DAFTAR ISI.....	vii
DAFTAR GAMBAR .....	xi
DAFTAR TABEL.....	xiv
BAB 1 .....	1
PENDAHULUAN .....	1
1.1 Latar Belakang Masalah.....	1
1.2 Rumusan Masalah.....	6
1.3 Tujuan .....	6
1.4 Manfaat .....	6
1.5 Batasan Masalah .....	7
1.6 Sistematika Penulisan .....	7
BAB 2 .....	9
LANDASAN TEORI.....	9
2.1 <i>E-Commerce</i> .....	9
2.1.1 Pengertian <i>E-Commerce</i> .....	9
2.1.2 Jenis <i>E-Commerce</i> .....	10
2.1.3 Mekanisme Transaksi <i>E-Commerce</i> .....	11
2.1.4 Risiko <i>E-Commerce</i> .....	12
2.1.5 Manfaat <i>E-Commerce</i> .....	12
2.2 <i>DataBase</i> .....	13
2.3 <i>My Structured Query Language (MySQL)</i> .....	13
2.3.1 Definisi MySQL.....	13
2.3.2 Kelebihan MySQL .....	14
2.4 PHP .....	14
2.4.1 Kelebihan PHP.....	15

2.4.2	Kelemahan PHP .....	15
2.4.3	Sistem Database yang Mendukung PHP .....	15
2.5	<i>Framework</i> PHP.....	16
2.5.1	Codeigniter.....	16
2.5.1.1	Kelebihan Codeigniter .....	16
2.5.1.2	MVC .....	17
2.6	Metode <i>Iterative Incremental</i> .....	18
2.6.1	Fase <i>Iterative Incremental</i> .....	19
2.6.2	Alur Kerja <i>Iterative Incremental</i> .....	20
2.6.3	Kelebihan Metode <i>Iterative Incremental</i> .....	22
2.7	<i>Unified Modeling Language</i> (UML).....	23
2.7.1	Pengertian <i>Unified Modeling Language</i> .....	23
2.7.2	Diagram-Diagram <i>Unified Modeling Language</i> .....	23
BAB 3	.....	32
METODOLOGI PENELITIAN.....		32
3.1	Model Konseptual.....	32
3.2	Sistematika Penelitian.....	34
BAB 4	.....	38
PENGEMBANGAN SISTEM PADA FASE <i>INCEPTION</i> .....		38
4.	Fase <i>Inception</i> .....	38
4.1	Analisis Perusahaan .....	38
4.2	<i>Business Modelling</i> .....	39
4.2.1	Proses Bisnis <i>Existing</i> .....	39
4.2.2	Proses Bisnis Usulan.....	41
4.3	Analisis <i>Requirements</i> .....	43
4.4	Analisis Sistem.....	44
4.5	Perancangan Sistem .....	45
4.5.1	Perancangan <i>Activity Diagram</i> .....	45
4.5.2	Perancangan <i>Class Diagram</i> .....	48
4.5.3	Perancangan <i>Sequence Diagram</i> .....	49
4.5.4	Perancangan <i>User Interface</i> .....	51
BAB 5	.....	53
PENGEMBANGAN SISTEM PADA FASE <i>ELABORATION</i> .....		53

5.	<i>Fase Elaboration</i> .....	53
5.1	<i>Business Modeling</i> .....	53
5.2	<i>Analisis Requirements</i> .....	54
5.3	<i>Analisis Sistem</i> .....	55
5.3.1	<i>Use Case Diagram Transaksi</i> .....	55
5.3.2	<i>Use Case Diagram Manage Pengiriman</i> .....	57
5.4	<i>Perancangan Sistem</i> .....	58
5.4.1	<i>Perancangan Activity Diagram</i> .....	58
5.4.2	<i>Perancangan Arsitektur Data</i> .....	60
5.4.3	<i>Perancangan Class Diagram</i> .....	61
5.4.4	<i>Perancangan Sequence Diagram</i> .....	61
5.4.5	<i>Perancangan User Interface</i> .....	64
5.5	<i>Implementasi</i> .....	66
5.6	<i>Testing</i> .....	70
BAB 6 .....		71
PENGEMBANGAN SISTEM PADA FASE <i>CONSTRUCTION</i> .....		71
6.	<i>Fase Construction</i> .....	71
6.1	<i>Analisis Requirements</i> .....	71
6.2	<i>Analisi Sistem</i> .....	71
6.2.1	<i>Use Case Diagram Manage Produk</i> .....	72
6.3	<i>Perancangan Sistem</i> .....	73
6.3.1	<i>Perancangan Activity Diagram</i> .....	73
6.3.2	<i>Perancangan Class Diagram</i> .....	80
6.3.3	<i>Perancangan Sequence Diagram</i> .....	81
6.3.4	<i>Perancangan User Interface</i> .....	85
6.4	<i>Implementasi</i> .....	89
6.5	<i>Testing</i> .....	93
BAB 7 .....		94
PENGEMBANGAN SISTEM PADA FASE <i>TRANSITION</i> .....		94
7.	<i>Fase Transition</i> .....	94
7.1	<i>Analisis Requirements</i> .....	94
7.2	<i>Analisi Sistem</i> .....	94
7.2.1	<i>Use Case Diagram Manage Member</i> .....	95

7.3	Perancangan Sistem .....	96
7.3.1	Perancangan <i>Activity Diagram</i> .....	96
7.3.2	Perancangan <i>Class Diagram</i> .....	101
7.3.3	Perancangan Sequence Diagram.....	102
7.3.4	Perancangan User Interface .....	106
7.4	Implementasi.....	109
7.5	Testing.....	113
BAB 8	.....	114
PENUTUP	.....	114
8.1	Kesimpulan .....	114
8.2	Saran .....	114
DAFTAR PUSTAKA	.....	115
LAMPIRAN A	.....	116
Tabel Testing	.....	116
LAMPIRAN B	.....	122
Kuesioner Pelanggan dan Non Pelanggan TheArtWork	.....	122