

DAFTAR ISI

	Halaman
KATA PENGANTAR	iv
DAFTAR ISI	v
DAFTAR TABEL	viii
DAFTAR GAMBAR	ix
DAFTAR LAMPIRAN.....	xi
BAB I PENDAHULUAN	1
1.1 Latar Belakang Masalah	1
1.2 Perumusan Masalah	3
1.3 Pembatasan Masalah	3
1.4 Tujuan	3
1.5 Kontribusi	4
1.6 Sistematika Penulisan	4
BAB II GAMBARAN UMUM PERUSAHAAN	6
2.1 Profile Perusahaan	6
2.2 Visi , Prinsip, Core Value Perusahaan.....	7
2.3.1 Visi Perusahaan	7
2.3.2 Prinsip Perusahaan	7
2.3.3 Core Value Perusahaan.....	8
2.3 Struktur Organisasi Rodex Tour & Travel	8
2.4 Tugas dan Kewajiban	9

	Halaman
BAB III LANDASAN TEORI	12
3.1 Konsep Dasar Sistem	12
3.1.1 Sistem Informasi	12
3.1.2 Unsur-unsur Sistem Informasi	14
3.2 Sistem Flow	14
3.3 Data Flow Diagram	15
3.3.1 External Entity	15
3.3.2 Data Flow	17
3.3.3 Process	18
3.3.4 Data Store/ Database	19
3.4 Entity Relation Diagram	19
3.5 Visual Basic. Net	23
3.6 Database Management System	25
3.6.1 Structure Query Language	25
3.6.2 Microsoft SQL Server.....	26
3.7 Short Message Service	26
3.8 SMS Gateway	27
3.9 GSM Comm	28
BAB IV DISKRIPSI KERJA PRAKTEK	29
4.1 Wawancara dan Pengamatan	29
4.2 Analisa Sistem	29
4.3 Perancangan Sstem.....	33
4.4 Entity Relationship Diagram	38

	Halaman
4.5 Struktur Database	40
4.6 Desain Sistem Input Output.....	43
4.7 Implementasi Sistem	48
BAB V PENUTUP.....	62
5.1 Kesimpulan	62
5.2 Saran	63
DAFTAR PUSTAKA	64
LAMPIRAN	65



DAFTAR TABEL

	Halaman
Tabel 1.1 Printout Data Customer	2
Tabel 4.1 Customer	40
Tabel 4.2 Agent	41
Tabel 4.3 Corporate	41
Tabel 4.4 UserLogin	42
Tabel 4.5 Penagihan	42
Tabel 4.6 Trans_Debt	42



DAFTAR GAMBAR

	Halaman
Gambar 2.1 Struktur Organisasi Rodex Tour & Travel	8
Gambar 3.1 Simbol-simbol dalam System Flow	15
Gambar 3.2 Notasi Kesatuan Luar DFD	16
Gambar 3.3 Identifikasi Notasi Kesatuan Luar	16
Gambar 3.4 Arus Data	17
Gambar 3.5 Notasi Proses di DFD	18
Gambar 3.6 Simbol Database di DFD	19
Gambar 3.7 Simbol Komponen E-R Diagram	20
Gambar 3.8 Relasi One to One	21
Gambar 3.9 Relasi One to Many	21
Gambar 3.10 Relasi Many to One	22
Gambar 3.11 Relasi Many to Many	22
Gambar 4.1 Document Flow Data Customer	30
Gambar 4.2 Document Flow Data JaPro	31
Gambar 4.3 Document Flow Transaksi Corporate.....	32
Gambar 4.4 Sistem Flow Data Customer	34
Gambar 4.5 Sistem Flow Data JaPro.....	35
Gambar 4.6 Sistem Flow Transaksi Corporate	36
Gambar 4.7 DFD Context Diagram.....	37
Gambar 4.8 DFD Level 0.....	38
Gambar 4.9 Conceptual Data Model.....	39
Gambar 4.10 Physical Data Model.....	40

	Halaman
Gambar 4.11 Desain Form Login.....	43
Gambar 4.12 Desain Form View Customer.....	44
Gambar 4.13 Desain Form View JaPro.....	44
Gambar 4.14 Desain Form View Corporate.....	45
Gambar 4.15 Desain Form Maintenance Customer.....	45
Gambar 4.16 Desain Form Maintenance JaPro.....	46
Gambar 4.17 Desain Form Maintenance Corporate.....	47
Gambar 4.18 Desain Form Transaksi Corporate.....	47
Gambar 4.19 Form Utama.....	50
Gambar 4.20 Form Login.....	50
Gambar 4.21 Form View Data Customer.....	51
Gambar 4.22 Form View Data JaPro.....	52
Gambar 4.23 Form View Data Corporate.....	52
Gambar 4.24 Form Maintenance Data Customer.....	53
Gambar 4.25 Form Maintenance Data JaPro.....	54
Gambar 4.26 Form Maintenance Data Corporate.....	55
Gambar 4.27 Form Maintenance User.....	56
Gambar 4.28 Form Setting Koneksi.....	56
Gambar 4.29 Form Transaksi Corporate.....	57
Gambar 4.30 Form TransReport.....	58
Gambar 4.31 Form Setting SMS Gateway.....	58
Gambar 4.32 Form Laporan Transaksi Harian.....	60
Gambar 4.33 Form Laporan Transaksi Bulanan.....	61

DAFTAR LAMPIRAN

	Halaman
Lampiran 1 Listing Program	63
Lampiran 2 Kartu Bimbingan Kerja Praktek	93
Lampiran 3 Acuan Kerja Praktek	94
Lampiran 4 Garis Besar Rencana Kerja	95
Lampiran 5 Kehadiran Kerja Praktek	96

