

ABSTRAK

The final project entitled "Web Application for system of sale, and promotion in printing office "48 Print"", is developed for a main purpose to make a software which expected to be able to help manager in order process. The expected software is a type of system which supported the application.

This final project, is a software to store customer data and help them in goods ordering.

The steps taken in designing the system are: general system analyst using Data Flow Diagram (DFD) and Entity Relational Diagram (ERD), data processing using SQL Server 2005 database management system and software development in Visual Microsoft Basic Studio .Net programming language.

Keyword : Web Application, Final Project, Sale, Promotion System, ERD, DFD, Printing Office.

DAFTAR ISI

KATA PENGANTAR.....	i
LEMBAR PERNYATAAN PERSETUJUAN PUBLIKASI KARYA ILMIAH UNTUK KEPENTINGAN AKADEMIS	ii
SURAT PERNYATAAN ORISINALITAS KARYA	iii
ABSTRAK.....	iv
DAFTAR GAMBAR	vii
DAFTAR TABEL.....	viii
DAFTAR LAMPIRAN.....	x
BAB I PENDAHULUAN	1
I.1 Latar Belakang	1
I.2 Perumusan Masalah.....	2
I.3 Tujuan.....	2
I.4 Batasan Masalah.....	2
I.5 Sistematika Penulisan	4
BAB II LANDASAN TEORI	6
II.1 Sistem Informasi.....	6
II.1.1 Pengertian Sistem	6
II.1.2 Pengertian Data.....	6
II.1.3 Pengertian Informasi.....	7
II.1.4 Kualitas Informasi	7
II.1.5 Pengertian Sistem Informasi.....	8
II.2 Basis Data	8
II.2.1 Definisi Basis Data.....	8
II.2.2 Arsitektur Sistem Basis Data	9
II.2.3 Pengembangan Sistem	10
II.2.4 ASP	10
II.2.5 SQL Server 2005.....	10
BAB III ANALISIS DAN PERANCANGAN	11
III.1 Overview Sistem.....	11
III.2 Desain Perangkat Lunak	12
III.2.1 ER-Diagram	12
III.2.2 ERD To Relation.....	13
III.2.3 DFD	16
III.2.4 Kamus Data.....	19
III.2.5 PSPEC	20
III.3 Desain Arsitektur Perangkat Lunak.....	24
III.3.1 Komponen Perangkat Lunak	24
III.3.2 Konsep Eksekusi	25
III.3.3 Desain Antar Muka	26
BAB IV HASIL TERCAPAI	27
IV.1 Pendahuluan	27
IV.2 Proses Perancangan Aplikasi.....	27
IV.2.1 Tampilan login	27
IV.2.2 Tampilan home	28
IV.2.3 Tampilan Kartu Nama.....	29
IV.2.4 Tampilan Undangan	30
IV.2.5 Tampilan faktur pajak	31
IV.2.6 Tampilan surat setoran pajak	32
IV.2.7 Tampilan pemesanan	33
IV.2.8 Tampilan shipping information :	34

IV.2.9	Tampilan konfirmasi :	35
IV.2.10	Tampilan informasi :	36
BAB V	EVALUASI	37
V.1	Pendahuluan	37
V.2	Perencanaan Tahap Implementasi	37
V.2.1	Implementasi Komponen Perangkat Lunak	37
V.2.2	Keterkaitan Antar Komponen Perangkat Lunak	38
V.3	Perjalanan Tahap Implementasi	38
V.3.1	Implementasi Bottom Up	38
V.3.2	Debugging	39
V.4	Ulasan Realisasi Fungsionalitas	39
V.5	Ulasan Realisasi Antar Muka Pengguna	45
BAB VI	PENUTUP	46
VI.1	Kesimpulan	46
VI.2	Saran-saran	46
DAFTAR PUSTAKA		xii

DAFTAR GAMBAR

Gambar 3.1 ER-Diagram	12
Gambar 3.2 DFD Level 0	16
Gambar 3.3 DFD Level 1	17
Gambar 3.4 DFD Level 2 Proses 4	18
Gambar 3.5 Komponen Perangkat Lunak	24
Gambar 3.6 Flow Chart	25
Gambar 3.7 Desain Antar Muka	26
Gambar 4.1 Login	27
Gambar 4.2 Tampilan Home	28
Gambar 4.3 Tampilan Kartu Nama	29
Gambar 4.4 Tampilan Undangan	30
Gambar 4.7 Faktur Pajak Standard	31
Gambar 4.8 Surat Setoran Pajak	32
Gambar 4.3 Form Pemesanan	33
Gambar 4.4 Form Shipping Information	34
Gambar 4.5 Tampilan Konfirmasi	35
Gambar 4.6 Tampilan Informasi	36
Gambar 5.1 Keterkaitan Komponen Perangkat Lunak	38
Gambar 5.2 Form Login	42

DAFTAR TABEL

Tabel 3.1 Tabel User	13
Tabel 3.2 Tabel Esk_Categories	14
Tabel 3.3 Tabel Esk_Orders	14
Tabel 3.4 Tabel Esk_OrderDetails	14
Tabel 3.5 Tabel Products	14
Tabel 3.6 Tabel Esk_Reviews	14
Tabel 3.7 Tabel Esk_ShoppingCart	14
Tabel 3.8 Tabel t_keterangan2	14
Tabel 3.9 Tabel t_keterangan	15
Tabel 3.10 Tabel t_keterangan4	15
Tabel 3.11 Tabel pengiriman	15
Tabel 3.12 Tabel transportasi	15
Tabel 1 keterangan	38
Tabel 2 keterangan2	39
Tabel 3 keterangan4	39
Tabel 4 shoppingcart	40

DAFTAR KAMUS DATA

Kamus Data 3.1 aspnet_Users	19
Kamus Data 3.2 Esk_Products	19
Kamus Data 3.3 Esk_Reviews	19
Kamus Data 3.4 Esk_Orders	19
Kamus Data 3.5 keterangan	19
Kamus Data 3.6 t_pengiriman	20
Kamus Data 3.7 t_transportasi	20

DAFTAR LAMPIRAN

Lampiran A Kuesioner	A-1
Lampiran B Source Code	B-1
Lampiran C Riwayat Hidup / CV Penulis	C-1