DAFTAR ISI

ABSTRAK i

ABSTRACT ii

KATA PENGANTAR iii

DAFTAR ISI vi

DAFTAR GAMBAR xiv

DAFTAR TABEL xxi

DAFTAR SIMBOL xxv

DAFTAR LAMPIRAN xxvii

BAB I PENDAHULUAN ..... **Error! Bookmark not defined.**

I.1 Latar Belakang Masalah ..... **Error! Bookmark not defined.**

I.2 Identifikasi Masalah ..... **Error! Bookmark not defined.**

I.3 Maksud dan Tujuan ..... **Error! Bookmark not defined.**

I.4 Batasan Masalah ..... **Error! Bookmark not defined.**

I.5 Metodologi Penelitian ..... **Error! Bookmark not defined.**

I.6 Sistematika Penulisan ..... **Error! Bookmark not defined.**

BAB II TINJAUAN UMUM ..... **Error! Bookmark not defined.**

II.1 Landasan Perusahaan ..... **Error! Bookmark not defined.**

II.1.1 Sejarah Perusahaan ..... **Error! Bookmark not defined.**

II.1.2 Visi dan Misi Perusahaan ..... **Error! Bookmark not defined.**

II.1.2.1 Visi ..... **Error! Bookmark not defined.**

II.1.2.2 Misi ..... **Error! Bookmark not defined.**

II.1.3 Struktur Organisasi Perusahaan ..... **Error! Bookmark not defined.**

II.1.4 Deskripsi Tugas ..... **Error! Bookmark not defined.**

II.2 Landasan Teori ..... **Error! Bookmark not defined.**

II.2.1 Basisdata ..... **Error! Bookmark not defined.**

II.2.1.1 Jenis-Jenis Basisdata ..... **Error! Bookmark not defined.**

II.2.2 *Electronic Commerce* ..... **Error! Bookmark not defined.**

II.2.2.1 Klasifikasi *E-commerce* ..... **Error! Bookmark not defined.**

II.2.2.2 Manfaat *E-commerce* ..... **Error! Bookmark not defined.**

II.2.2.3 Komponen Utama *E-commerce* ... **Error! Bookmark not defined.**

II.2.2.4 Fitur Tambahan *E-commerce* ..... **Error! Bookmark not defined.**

II.2.2.5 Keamanan *E-commerce* ..... **Error! Bookmark not defined.**

II.2.3 Internet ..... **Error! Bookmark not defined.**

II.2.3.1 Pengertian Internet ..... **Error! Bookmark not defined.**

II.2.3.2 Kegunaan Internet ..... **Error! Bookmark not defined.**

II.2.4 *Entity Relationship Diagram* (ERD) **Error! Bookmark not defined.**

II.2.5 *Data Flow Diagram* (DFD) ..... **Error! Bookmark not defined.**

II.2.5.1 Simbol DFD .....**Error! Bookmark not defined.**

II.2.6 Kamus Data.....**Error! Bookmark not defined.**

II.2.7 Tinjauan Perangkat Lunak .....**Error! Bookmark not defined.**

II.2.7.1 MYSQL.....**Error! Bookmark not defined.**

II.2.7.2 Adobe Dreamweaver.....**Error! Bookmark not defined.**

II.2.8 Bahasa Pemrograman yang Digunakan ..... **Error! Bookmark not defined.**

II.2.8.1 PHP (*Personal Home Page*).....**Error! Bookmark not defined.**

II.2.8.2 HTML (*Hypertext Markup Language*)..... **Error! Bookmark not defined.**

BAB III ANALISIS DAN PERANCANGAN SISTEM ..... **Error! Bookmark not defined.**

III.1 Analisis Sistem.....**Error! Bookmark not defined.**

III.1.1 Analisis Sistem yang Berjalan.....**Error! Bookmark not defined.**

III.1.1.1 Prosedur Penjualan dan Pembayaran..... **Error! Bookmark not defined.**

III.1.1.2 Prosedur Retur Produk .....**Error! Bookmark not defined.**

III.1.1.3 Prosedur Rekapitulasi Penjualan Harian .... **Error! Bookmark not defined.**

III.1.1.4 Prosedur Pengadaan Produk.....**Error! Bookmark not defined.**

III.1.2 Aturan Bisnis .....**Error! Bookmark not defined.**

III.1.3 Analisa Pengkodean ..... **Error! Bookmark not defined.**

III.1.4 Analisis Kebutuhan Non Fungsional .. **Error! Bookmark not defined.**

III.1.4.1 Analisis Perangkat Keras (*Hardware*) ..... **Error! Bookmark not defined.**

III.1.4.2 Analisis Perangkat Lunak (*Software*) ..... **Error! Bookmark not defined.**

III.1.4.3 Analisis Pengguna (*User*) ..... **Error! Bookmark not defined.**

III.1.5 Analisis Perancangan Basis Data ..... **Error! Bookmark not defined.**

III.1.5.1 Entity Relationship Diagram(ERD) ..... **Error! Bookmark not defined.**

III.1.5.2 Kamus Data Entity Relationship Diagram (ERD) ..... **Error! Bookmark not defined.**

III.1.6.1 Diagram Konteks ..... **Error! Bookmark not defined.**

III.1.6.2 Data Flow Diagram (DFD) ..... **Error! Bookmark not defined.**

III.1.6.2.1 DFD Level 1 ..... **Error! Bookmark not defined.**

III.1.6.2.2 DFD Level 2 Proses 1 Registrasi ..... **Error! Bookmark not defined.**

III.1.6.2.3 DFD Level 2 Proses 2 Login . **Error! Bookmark not defined.**

III.1.6.2.4 DFD Level 2 Proses 3 Pengolahan Data Master..... **Error! Bookmark not defined.**

III.1.6.2.5 DFD Level 2 Proses 4 Pengolahan Data User..... **Error! Bookmark not defined.**

III.1.6.2.6 DFD Level 2 Proses 5 Pesanan ..... **Error! Bookmark not defined.**

III.1.6.2.7 DFD Level 2 Proses 6 Retur...**Error! Bookmark not defined.**

III.1.6.2.8 DFD Level 2 Proses 7 History**Error! Bookmark not defined.**

III.1.6.2.9 DFD Level 2 Proses 8 Laporan ..... **Error! Bookmark not defined.**

III.1.6.2.10 DFD Level 3 Proses 3.1 Pengolahan Data Merk..... **Error! Bookmark not defined.**

III.1.6.2.11 DFD Level 3 Proses 3.2 Pengolahan Data Kategori .... **Error! Bookmark not defined.**

III.1.6.2.12 DFD Level 3 Proses 3.3 Pengolahan Data Produk..... **Error! Bookmark not defined.**

III.1.6.2.13 DFD Level 3 Proses 3.4 Pengolahan Detail Produk .... **Error! Bookmark not defined.**

III.1.6.2.14 DFD Level 3 Proses 3.5 Pengolahan Data Provinsi ..... **Error! Bookmark not defined.**

III.1.6.2.15 DFD Level 3 Proses 3.6 Pengolahan Data Kota ..... **Error! Bookmark not defined.**

III.1.6.2.16 DFD Level 3 Proses 3.7 Pengolahan Data Ongkir .....**Error! Bookmark not defined.**

III.1.6.2.17 DFD Level 3 Proses 3.8 Pengolahan Data Ukuran.....**Error! Bookmark not defined.**

III.1.6.2.18 DFD Level 3 Proses 3.9 Pengolahan Data Jenis Pengiriman ..... **Error! Bookmark not defined.**

III.1.6.2.19 DFD Level 3 Proses 3.10 Pengolahan Data Jasa Pengiriman ..... **Error! Bookmark not defined.**

III.1.6.2.20 DFD Level 3 Proses 3.11 Pengolahan Data Supplier ...**Error! Bookmark not defined.**

III.1.5.3 Spesifikasi Proses ..... **Error! Bookmark not defined.**

III.1.5.4 Kamus Data..... **Error! Bookmark not defined.**

III.2 Perancangan..... **Error! Bookmark not defined.**

III.2.1 Perancangan Basis Data ..... **Error! Bookmark not defined.**

III.2.1.1 Skema Relasi..... **Error! Bookmark not defined.**

III.2.1.2 Struktur Tabel ..... **Error! Bookmark not defined.**

III.2.2 Perancangan Antarmuka ..... **Error! Bookmark not defined.**

III.2.2.1 Perancangan Antarmuka Admin.. **Error! Bookmark not defined.**

III.2.2.2 Perancangan Antarmuka Pelanggan .....**Error! Bookmark not defined.**

III.2.2.3 Perancangan Antarmuka Pengunjung ..... **Error! Bookmark not defined.**

III.2.2.4 Perancangan Pesan .....**Error! Bookmark not defined.**

III.2.2.5 Perancangan Struktur Menu .....**Error! Bookmark not defined.**

III.2.3 Jaringan Semantik.....**Error! Bookmark not defined.**

BAB IV IMPLEMENTASI DAN PENGUJIAN 151

IV.1 Implementasi Sistem 151

IV.1.1 Perangkat keras yang digunakan..... 151

IV.1.2 Perangkat lunak yang digunakan 151

IV.1.3 Implementasi Database 152

IV.1.4 Implementasi Antarmuka..... 159

IV.2 Pengujian Perangkat Lunak..... 161

IV.2.1 Pengujian Alpha..... 162

IV.2.1.1 Skenario Pengujian Alpha 162

IV.2.1.2 Kasus dan Hasil Pengujian 164

IV.2.1.2.1 Pengujian Cari Kategori 164

IV.2.1.2.2 Pengujian Tambah Kategori..... 164

IV.2.1.2.3 Pengujian Ubah Kategori 165

IV.2.1.2.4 Pengujian Cari Merk 165

IV.2.1.2.5 Pengujian Tambah Merk 166

IV.2.1.2.6 Pengujian Ubah Merk 166
IV.2.1.2.7 Pengujian Hapus Merk 167
IV.2.1.2.8 Pengujian Cari Produk 167
IV.2.1.2.9 Pengujian Tambah Data Produk 167
IV.2.1.2.10 Pengujian Ubah Data Produk 168
IV.2.1.2.11 Pengujian Hapus Data Produk 169
IV.2.1.2.12 Pengujian Tambah Detail Produk 169
IV.2.1.2.13 Pengujian Ubah Detail Produk 170
IV.2.1.2.14 Pengujian Hapus Detail Produk 170
IV.2.1.2.15 Pengujian Cari Data Pesanan 170
IV.2.1.2.16 Pengujian Cari Data Retur 171
IV.2.1.2.17 Pengujian Laporan Pesanan Bulanan 171
IV.2.1.2.18 Pengujian Laporan Pesanan Antar Waktu 172
IV.2.1.2.19 Pengujian Laporan Pesanan Tahunan 172
IV.2.1.2.20 Pengujian Laporan Retur 172
IV.2.1.2.21 Pengajuan Laporan Retur Harian 173
IV.2.1.2.22 Pengujian Tambah Ongkir 173
IV.2.1.2.23 Pengujian Tambah Supplier 174
IV.2.1.2.24 Pengujian Tambah Provinsi 174
IV.2.1.2.25 Pengujian Hapus Provinsi 175

IV.2.1.2.26 Pengujian Ubah Provinsi 175
IV.2.1.2.27 Pengujian Tambah Data Kota 176
IV.2.1.2.28 Pengujian Hapus Data Kota 176
IV.2.1.2.29 Pengujian Ubah Data Kota 177
IV.2.1.2.30 Pengujian Registrasi Pelanggan 177
IV.2.1.2.31 Pengujian Login 178
IV.2.1.2.32 Pengujian Jumlah Pesanan 178
IV.2.1.2.33 Pengujian Pengiriman 179
IV.2.1.2.34 Pengujian Retur 179
IV.2.1.2.35 Pengujian Data Pembayaran 180
IV.2.1.2.36 Kesimpulan Pengujian Alpha 180
IV.2.2 Pengujian Beta 181
IV.2.2.1 Skenario Pengujian Beta 181
IV.2.2.2 Kesimpulan Pengujian Beta 185
BAB V KESIMPULAN DAN SARAN 186
V.1 Kesimpulan 186
V.2 Saran 186
DAFTAR PUSTAKA 187