DAFTAR ISI

ABSTRAK .....**Error! Bookmark not defined.**
ABSTRACT .....**Error! Bookmark not defined.**
KATA PENGANTAR .....**Error! Bookmark not defined.**
DAFTAR ISI .....**Error! Bookmark not defined.**
DAFTAR GAMBAR .....**Error! Bookmark not defined.**
DAFTAR TABEL .....**Error! Bookmark not defined.**
DAFTAR LAMPIRAN .....**Error! Bookmark not defined.**
DAFTAR SIMBOL .....**Error! Bookmark not defined.**
BAB 1 PENDAHULUAN .....**Error! Bookmark not defined.**
1.1 Latar Belakang Masalah .....**Error! Bookmark not defined.**
1.2 Rumusan Masalah .....**Error! Bookmark not defined.**
1.3 Maksud dan Tujuan .....**Error! Bookmark not defined.**
1.4 Batasan Masalah .....**Error! Bookmark not defined.**
1.5 Metodologi Penelitian .....**Error! Bookmark not defined.**
1.6 Sistematika Penulisan .....**Error! Bookmark not defined.**
BAB 2 TINJAUAN PUSTAKA .....**Error! Bookmark not defined.**
2.1 Tinjauan Perusahaan .....**Error! Bookmark not defined.**
2.1.1 Sejarah Titan Foto .....**Error! Bookmark not defined.**
2.1.2 Logo Titan Foto .....**Error! Bookmark not defined.**
2.1.3 Visi dan Misi Titan Foto .....**Error! Bookmark not defined.**
2.1.4 Struktur Organisasi .....**Error! Bookmark not defined.**
2.1.5 Tugas dan Wewenang .....**Error! Bookmark not defined.**
2.2 Landasan Teori .....**Error! Bookmark not defined.**
2.2.1 Data .....**Error! Bookmark not defined.**
2.2.2 Model Data .....**Error! Bookmark not defined.**
2.2.2.1 Model Data Hirarkis .....**Error! Bookmark not defined.**

2.2.2.2 Model Data Jaringan .....**Error! Bookmark not defined.**
2.2.2.3 Model Data Relasional .....**Error! Bookmark not defined.**
2.2.3 Informasi .....**Error! Bookmark not defined.**
2.2.3.1 Kualitas Informasi .....**Error! Bookmark not defined.**
2.2.3.2 Nilai Informasi .....**Error! Bookmark not defined.**
2.2.3.3 Siklus Informasi .....**Error! Bookmark not defined.**
2.2.4 Sistem .....**Error! Bookmark not defined.**
2.2.4.1 Karakteristik Sistem .....**Error! Bookmark not defined.**
2.2.5 Sistem Informasi.....**Error! Bookmark not defined.**
2.2.5.1 Komponen Sistem Informasi.....**Error! Bookmark not defined.**
2.2.5.2 Tujuan Sistem Informasi .....**Error! Bookmark not defined.**
2.2.6 E-commerce.....**Error! Bookmark not defined.**
2.2.6.1 Mekanisme E-Commerce .....**Error! Bookmark not defined.**
2.2.6.2 Jenis-Jenis E-Commerce .....**Error! Bookmark not defined.**
2.2.6.3 Keuntungan E-Commerce .....**Error! Bookmark not defined.**
2.2.6.4 Kerugian E-Commerce.....**Error! Bookmark not defined.**
2.2.6.5 Klasifikasi *E-Commerce*.....**Error! Bookmark not defined.**
2.2.6.6 Komponen Utama E-Commerce .....**Error! Bookmark not defined.**
2.2.6.7 Security E-Commerce .....**Error! Bookmark not defined.**
2.2.6.8 Metode Pembayaran.....**Error! Bookmark not defined.**
2.2.7 Hypertext Preprosesor (PHP) .....**Error! Bookmark not defined.**
2.2.7.1 Pengertian PHP.....**Error! Bookmark not defined.**
2.2.7.2 Mekanisme PHP .....**Error! Bookmark not defined.**
2.2.7.3 Keuntungan PHP .....**Error! Bookmark not defined.**
2.2.7.4 Netbeans .....**Error! Bookmark not defined.**
2.2.8 Basis Data.....**Error! Bookmark not defined.**
2.2.8.1 Pengertian Basis Data.....**Error! Bookmark not defined.**
2.2.8.2 Data Base Management System (DBMS)**Error! Bookmark not defined.**
2.2.8.3 Bahasa Basis Data .....**Error! Bookmark not defined.**

2.2.9 MY SQL .....**Error! Bookmark not defined.**
2.2.9.1 Konsep Dasar Analisi Sistem .....**Error! Bookmark not defined.**
2.2.9.2 Flowmap .....**Error! Bookmark not defined.**
2.2.9.3 ERD (Entity Relationship Diagram) .....**Error! Bookmark not defined.**
2.2.9.4 Diagram Konteks.....**Error! Bookmark not defined.**
2.2.9.5 DFD (Data Flow Diagram).....**Error! Bookmark not defined.**
2.2.9.6 Kamus Data (*Data Dictionary)* .....**Error! Bookmark not defined.**
2.2.10 Keamanan Data .....**Error! Bookmark not defined.**
2.2.11 Sistem Rekomendasi .....**Error! Bookmark not defined.**
BAB 3 ANALISIS DAN PERANCANGAN .....**Error! Bookmark not defined.**
3.1 Analisis Sistem.....**Error! Bookmark not defined.**
3.1.1 Analisis Masalah .....**Error! Bookmark not defined.**
3.1.2 Analisis Prosedur Yang Sedang Berjalan**Error! Bookmark not defined.**
3.1.2.1 Prosedur Pengadaan Produk.....**Error! Bookmark not defined.**
3.1.2.2 Prosedur Penjualan Produk .....**Error! Bookmark not defined.**
3.1.2.3 Prosedur Pembuatan Laporan .....**Error! Bookmark not defined.**
3.1.3 Analisis Kebutuhan Non-fungsional ....**Error! Bookmark not defined.**
3.1.3.1 Analisis Pengguna.....**Error! Bookmark not defined.**
3.1.3.2 Analisis Perangkat Keras .....**Error! Bookmark not defined.**
1.1.3.3 Analisis Perangkat Lunak .....**Error! Bookmark not defined.**
3.1.3.4 Analisis Komunikasi .....**Error! Bookmark not defined.**
3.1.3.5 AnalisisKeamanan.....**Error! Bookmark not defined.**
3.1.3.6 Analisis SEO (Search Engine Optimization)**Error! Bookmark not defined.**
3.1.3.7 Analisis Pembayaran.....**Error! Bookmark not defined.**
3.1.3.8 Analisis Pengiriman .....**Error! Bookmark not defined.**
3.1.4 Analisi Sistem Rekomendasi Cerdas ...**Error! Bookmark not defined.**
3.1.4.1 Menentukan Rekomendasi Produk Yang Belum Pernah Membeli**Error! Bookmark not defined.**

3.1.5 SKPL (Spesifikasi kebutuhan Perangkat Lunak)**Error! Bookmark not defined.**
3.1.6 Analisis Basis Data .....**Error! Bookmark not defined.**
3.1.6.1 Entity Relationship Diagram (ERD) ....**Error! Bookmark not defined.**
3.1.6.2 Kamus Data ERD.....**Error! Bookmark not defined.**
3.1.7 Analisis Kebutuhan Fungsional .....**Error! Bookmark not defined.**
3.1.7.1 Diagram Konteks .....**Error! Bookmark not defined.**
3.1.7.2 Data Flow Diagram (DFD) .....**Error! Bookmark not defined.**
3.1.7.2.1 DFD Level 1 website e-commerce *Titan Foto***Error! Bookmark not defined.**
*3.1.7.2.2 DFD Level 2 Proses 1 Autentifikasi Pengguna***Error! Bookmark not defined.**
3.1.7.2.3 DFD Level 2 Proses 2 Pengolahan Data Pengguna**Error! Bookmark not defined.**
3.1.7.2.4 DFD Level 2 Proses 3 Pengolahan Data Produk**Error! Bookmark not defined.**
3.1.7.2.5 DFD Level 2 Proses 4 Pengolahan Data Keranjang**Error! Bookmark not defined.**
3.1.7.2.6 DFD Level 2 Proses 5 Pengolahan Data Transaksi**Error! Bookmark not defined.**
3.1.7.2.7 DFD Level 2 Proses 6 Pengolahan Data Laporan**Error! Bookmark not defined.**
3.1.7.2.8 DFD Level 2 Proses 7 Backup & Restore**Error! Bookmark not defined.**
3.1.7.2.9 DFD Level 3 Proses 1 .....**Error! Bookmark not defined.**
3.1.7.2.10 DFD Level 3 Proses 2 .....**Error! Bookmark not defined.**
3.1.7.2.11 DFD Level 3 Proses 3 .....**Error! Bookmark not defined.**
3.1.7.2.12 DFD Level 3 Proses 4 .....**Error! Bookmark not defined.**
3.1.7.2.13 DFD Level 3 Proses 5 .....**Error! Bookmark not defined.**
3.1.7.2.14 DFD Level 3 Proses 6 .....**Error! Bookmark not defined.**

3.1.7.2.15 DFD Level 3 Proses 7 .....**Error! Bookmark not defined.**
3.1.7.2.16 DFD Level 3 Proses 8 .....**Error! Bookmark not defined.**
3.1.7.2.17 DFD Level 3 Proses 9 .....**Error! Bookmark not defined.**
3.1.7.2.18 DFD Level 3 Proses 10 .....**Error! Bookmark not defined.**
3.1.7.2.19 DFD Level 3 Proses 11 .....**Error! Bookmark not defined.**
3.1.7.2.20 DFD Level 3 Proses 12 .....**Error! Bookmark not defined.**
3.1.8 Spesifikasi Proses.....**Error! Bookmark not defined.**
3.1.9 Spesifikasi Proses.....**Error! Bookmark not defined.**
3.1.12 Kamus Data.....**Error! Bookmark not defined.**
3.2 Perancangan Sistem .....**Error! Bookmark not defined.**
3.2.1 Perancangan Skema Relasi .....**Error! Bookmark not defined.**
3.2.2 Struktur Tabel.....**Error! Bookmark not defined.**
3.2.3 Perancangan Struktur Menu.....**Error! Bookmark not defined.**
3.2.4 Perancangan Antar Muka.....**Error! Bookmark not defined.**
3.2.5 Perancangan Pesan.....**Error! Bookmark not defined.**
3.2.6 Jaringan Semantik.....**Error! Bookmark not defined.**
BAB 4 IMPLEMENTASI DAN PENGUJIAN SISTEM**Error! Bookmark not defined.**
4.1 Implementasi Sistem.....**Error! Bookmark not defined.**
4.1.1 Lingkungan Implementasi.....**Error! Bookmark not defined.**
4.1.2 Implementasi Perangkat Keras.....**Error! Bookmark not defined.**
4.1.3 Implementasi Perangkat Lunak.....**Error! Bookmark not defined.**
4.1.4 Implementasi Basis Data.....**Error! Bookmark not defined.**
4.1.5 Implementasi Antarmuka.....**Error! Bookmark not defined.**
4.2 Pengujian Perangkat Lunak.....**Error! Bookmark not defined.**
4.2.1.2Kasus dan Hasil Pengujian Alpha.....**Error! Bookmark not defined.**
4.2.1.3Pengujian Login Member.....**Error! Bookmark not defined.**
4.2.1.4Pengujian Daftar.....**Error! Bookmark not defined.**
4.2.1.5Pengujian Lupa ***Password***.....**Error! Bookmark not defined.**

4.2.1.6Pengujian Ganti ***Password*** .....**Error! Bookmark not defined.**
4.2.1.7Pengujian Menu Cari.....**Error! Bookmark not defined.**
4.2.1.8Pengujian Menu Keranjang.....**Error! Bookmark not defined.**
4.2.1.9Pengujian Pengiriman .....**Error! Bookmark not defined.**
4.2.1.9Pengujian Pembayaran.....**Error! Bookmark not defined.**
4.2.1.10 Pengujian Login Petugas.....**Error! Bookmark not defined.**
4.2.1.11 Pengujian Tambah Data Kategori .....**Error! Bookmark not defined.**
4.2.1.12 Pengujian Tambah Kurir.....**Error! Bookmark not defined.**
4.2.1.13Pengujian Tambah Data Paket .....**Error! Bookmark not defined.**
4.2.1.14 Pengujian Edit Data Paket.....**Error! Bookmark not defined.**
4.2.1.15 Pengujian Hapus Data Paket .....**Error! Bookmark not defined.**
4.2.1.16 Pengujian Pencarian Provinsi.....**Error! Bookmark not defined.**
4.2.1.17 Pengujian Data Member.....**Error! Bookmark not defined.**
4.2.1.18 Pengujian Tambah Data Petugas.....**Error! Bookmark not defined.**
4.2.1.19 Pengujian Tambah Data Barang.....**Error! Bookmark not defined.**
4.2.1.20 Pengujian Tambah Data Gambar .....**Error! Bookmark not defined.**
4.2.1.21 Kesimpulan Hasil Pengujian Alpa .....**Error! Bookmark not defined.**
4.2.2 Pengujian Beta .....**Error! Bookmark not defined.**
4.2.2.1.1 Wawancara Pengguna .....**Error! Bookmark not defined.**
4.2.2.1.2 Kuesioner Pengguna.....**Error! Bookmark not defined.**
4.2.2.2 Kesimpulan Pengujian Beta .....**Error! Bookmark not defined.**
BAB 5 KESIMPULAN 222
2.1 Kesimpulan 222
2.2 Saran..... 222
DAFTAR PUSTAKA 223