DAFTAR ISI

HALAMAN JUDUL
SURAT PERNYATAAN ................................................................. iii
ABSTRAK ............................................................................. iv
ABSTRACT ............................................................................... v
KATA PENGANTAR ................................................................. vi
DAFTAR ISI ............................................................................... viii
DAFTAR TABEL ........................................................................ xii
DAFTAR GAMBAR ........................................................................ xiii

BAB I PENDAHULUAN ............................................................. I-1
I.1 Latar Belakang Masalah ....................................................... I-1
I.2 Identifikasi Masalah ............................................................. I-2
I.3 Rumusan Masalah .............................................................. I-2
I.4 Maksud dan Tujuan ............................................................ I-3
I.5 Batasan Masalah ............................................................... I-3
I.6 Metodologi Penelitian ......................................................... I-3
I.7 Sistematika Penulisan ......................................................... I-4

BAB II LANDASAN TEORI ......................................................... II-1
II.1 Konsep Dasar Sistem .......................................................... II-1
II.1.1 Definisi Sistem ............................................................... II-1
II.1.2 Definisi Informasi ........................................................... II-1
II.2 Konsep Dasar Sistem Pengadaan barang ........................... II-2
II.2.1 Pengertian Sistem Pengadaan barang ............................. II-2
II.3 Manajemen Pengadaan barang ........................................... II-2
II.3.1 Proses Bagian Penerimaan Barang (Receiving) .............. II-3
II.3.2 Proses Bagian Pembelian (Purchasing) ........................... II-3
II.3.3 Proses Bagian Gudang (Store) ....................................... II-3
II.3.4 Pengendalian Biaya ....................................................... II-4
II.4 Metodologi Yang Digunakan ............................................. II-4
II.4.1 Metode Waterfall ......................................................... II-4
II.4.2 Object Oriented Programming (OOP)................................. II-6
II.5 Evaluasi Information Utility System ................................. II-7
II.6 CRUD......................................................................... II-8
II.7 Unified Modelling Language (UML)................................. II-8
II.7.1 Use Case Diagram..................................................... II-8
II.7.2 Class Diagram............................................................. II-10
II.7.3 Sequence Diagram....................................................... II-11
II.7.4 Collaboration Diagram................................................... II-13
II.7.5 Statechart Diagram....................................................... II-13
II.7.6 Activity Diagram.......................................................... II-14
II.7.7 Component Diagram....................................................... II-15
II.7.8 Deployment Diagram....................................................... II-15
II.7.9 Package Diagram.......................................................... II-16
II.8 Pemrograman ................................................................. II-16
II.8.1 Programming ............................................................... II-16
II.8.2 Web Programming.......................................................... II-17
II.8.3 CodeIgniter................................................................. II-17
II.8.4 PHP (Personal Home Page)................................................. II-17
II.8.5 Script PHP................................................................. II-17
II.8.6 Heidi SQL................................................................. II-17
II.8.7 MySQL................................................................. II-18

BAB III ANALISIS SISTEM ....................................................... III-1
III.1 Objek Penelitian ............................................................. III-1
III.1.1 Sejarah Singkat CV. Edi-Comp ........................................ III-1
III.1.2 Visi dan Misi ............................................................. III-1
III.2 Analisis Sistem Lama ......................................................... III-1
III.2.1 Analisis Fungsional ......................................................... III-2
III.2.2 Analisis Sistem Yang Sedang Berjalan ........................ III-2
III.2.3 Skenario FlowMap Sistem Lama ................................ III-3
III.2.4 Hasil Analisis Sistem Lama ........................................ III-4
III.2.5 Analisis Sistem Baru ...................................................... III-5
III.2.6 Skenario FlowMap Sistem Baru ................................ III-6
III.3 Analisis Kebutuhan Sistem ............................................. III-8
  III.3.1 Deskripsi Kebutuhan Perangkat Lunak (Software) .... III-8
  III.3.2 Deskripsi Kebutuhan Perangkat Keras (Hardware) .... III-8
III.4 Fungsi Utama Sistem Baru ........................................... III-9

BAB IV PERANCANGAN SISTEM ........................................ IV-1
  IV.1 Perancangan Sistem ................................................ IV-1
  IV.2 Perancangan Use Case ............................................. IV-1
    IV.2.1 Definisi Actor ................................................ IV-2
    IV.2.2 Deskripsi Use Case ......................................... IV-4
    IV.2.3 Diagram Use Case .......................................... IV-5
    IV.2.4 Realisasi Use Case Tahap Perancangan ................. IV-5
  IV.3 Realisasi Use Case Tahap Perancangan ....................... IV-16
    IV.3.1 Class Diagram .............................................. IV-16
    IV.3.2 Kamus Data ................................................ IV-17
    IV.3.3 Pengkodean ................................................ IV-19
    IV.3.4 Sequence Diagram ......................................... IV-21
    IV.3.5 Layout Antarmuka ........................................ IV-25

BAB V IMPLEMENTASI DAN PENGUJIAN SISTEM ................. V-1
  V.1 Implementasi ........................................................ V-1
    V.1.1 Lingkup dan Batasan Implementasi ....................... V-2
  V.2 Kebutuhan Sumber Daya ........................................... V-2
    V.2.1 Kebutuhan Perangkat Keras (Hardware) ................ V-2
    V.2.2 Kebutuhan Perangkat Lunak (Software) ............... V-3
  V.3 Implementasi Antar Muka ........................................ V-4
    V.3.1 Dialog Screen Halaman Home ............................. V-4
    V.3.2 Dialog Screen Halaman Login ............................. V-5
    V.3.3 Dialog Screen Penjualan .................................. V-5
    V.3.4 Dialog Screen Halaman Tambah Data Penjualan .... V-6
    V.3.5 Dialog Screen Halaman Tambah Barang Penjualan ... V-6
    V.3.6 Dialog Screen Halaman Laporan .......................... V-7
    V.3.7 Dialog Screen Halaman Master Barang ................. V-7
    V.3.8 Dialog Screen Halaman Master Pelanggan ............ V-7