DAFTAR ISI

LEMBAR PENGESAHAN ......................................................................................................................... i
SURAT PERNYATAAN .......................................................................................................................... ii
ABSTRACT ...................................................................................................................................................... iii
ABSTRAK ......................................................................................................................................................... iv
KATA PENGANTAR .......................................................................................................................................... v
DAFTAR ISI .................................................................................................................................................... vii
DAFTAR TABEL ................................................................................................................................................. x
DAFTAR GAMBAR ............................................................................................................................................. xi
DAFTAR SIMBOL ............................................................................................................................................ xiii
DAFTAR LAMPIRAN ........................................................................................................................................... xv

BAB I PENDAHULUAN

1.1 Latar Belakang Masalah .................................................................................................................... I-1
1.2 Rumusan Masalah .............................................................................................................................. I-2
1.3 Batasan Masalah .................................................................................................................................... I-2
1.4 Maksud dan Tujuan Penelitian ........................................................................................................ I-3
1.5 Metodologi Penelitian dan Pengembangan Sistem ........................................................................ I-3
   1.5.1 Metodologi Penelitian .................................................................................................................. I-4
   1.5.2 Pengembangan Sistem Informasi ................................................................................................. I-5
   1.5.3 Metode Pengumpulan Data ........................................................................................................ I-5
   1.5.4 Tahap Pengembangan Sistem ...................................................................................................... I-6
1.6 Sistematika Penulisan ........................................................................................................................ I-7

BAB II LANDASAN TEORI

2.1 Konsep Dasar Sistem ......................................................................................................................... II-1
   2.1.1 Elemen Sistem ........................................................................................................................... II-1
   2.1.2 Jenis Sistem ................................................................................................................................... II-2
2.2 Sistem Inventori ...................................................................................................................................... II-3
2.3 Microsoft Acces 2007 ......................................................................................................................... II-3
2.4 Manajemen Inventori .......................................................................................................................... II-4
   2.4.1 Economic Order Quantity (EOQ) .............................................................................................. II-4
2.5 Visual Studio 2010 ............................................................................................................................. II-5
2.5.1 Kelebihan Visual Studio 2010 ........................................ II-6
2.5.2 Kekurangan Visual Studio 2010 ........................................ II-6
2.6. Basis Data (Data Base) ......................................................... II-6
2.7 *Unified Modelling Language (UML)* ................................ II-7
2.7.1 Bagian-Bagian UML ....................................................... II-7
2.7.2 Tujuan Penggunaan UML .............................................. II-10
2.8 Definisi SCM ................................................................... II-10

**BAB III ANALISIS**

3.1 Sistem Yang Berjalan ........................................................ III-1
   3.1.1 Narasi Proses Pengadaan Barang di PT.Syerkarina Bina
         Kamila ........................................................................ III-1
   3.1.2 Flowchart Sistem Aplikasi ............................................ III-3
   3.1.3 Analisis Permasalahan .................................................. III-3
3.2 Identifikasi Masalah ............................................................. III-4
3.3 Identifikasi Penyebab Masalah ............................................ III-4
3.4 Hasil Analisis .................................................................. III-4

**BAB IV PERANCANGAN SISTEM**

4.1 Deskripsi Sistem Baru ....................................................... IV-1
4.2 Pengguna Sistem ............................................................. IV-1
4.3 Perancangan Sistem ........................................................ IV-2
   4.3.1 Perancangan Umum ..................................................... IV-2
   4.3.2 *Use Case Diagram* .................................................. IV-2
   4.3.3 *Activity Diagram* .................................................... IV-3
   4.3.4 *Class Diagram* ....................................................... IV-4
   4.3.5 *State Diagram* ........................................................ IV-8
4.4 Perancangan Antar Muka .................................................. IV-9
   4.4.1 Perancangan Login ..................................................... IV-10
   4.4.2 Perancangan Input Data Petugas ................................. IV-10
   4.4.3 Perancangan Input Data Kategori Barang ................. IV-11
   4.4.4 Perancangan Input Data Suplier ................................. IV-11
   4.4.5 Perancangan Input Data Pelanggan ......................... IV-12
   4.4.6 Perancangan Input Data Barang ......................... IV-12
4.4.7 Perancangan Input Data Barang Masuk ....................... IV-13
4.4.8 Perancangan Input Data Barang Keluar ....................... IV-13
4.4.9 Perancangan Input Data Stock Opname ....................... IV-14

BAB V IMPLEMENTASI SISTEM

5.1 Kebutuhan Hardware and Software ........................................ V-1
  5.1.1. Lingkungan Perangkat Keras (Hardware) ....................... V-1
  5.1.2. Lingkungan Perangkat Lunak (Software) ....................... V-1
5.2 Implementasi Tabel .......................................................... V-1
5.3 Implementasi Antar Muka ................................................... V-5

BAB VI PENUTUP

6.1 Kesimpulan ........................................................................ VI-1
6.2 Saran ................................................................................ VI-2

DAFTAR PUSTAKA