

DAFTAR ISI

| | |
|--|----------|
| KATA PENGANTAR | i |
| ABSTRAK..... | ii |
| ABSTRACT | iii |
| DAFTAR ISI | iv |
| DAFTAR GAMBAR | vii |
| DAFTAR TABEL..... | x |
| DAFTAR LAMPIRAN..... | xi |
| BAB 1 PENDAHULUAN | 1 |
| 1.1 Latar Belakang | 1 |
| 1.2 Rumusan Masalah..... | 4 |
| 1.3 Tujuan | 4 |
| 1.4 Batasan Masalah..... | 4 |
| 1.5 Definisi Operasional..... | 5 |
| 1.6 Metode Pengerjaan | 6 |
| 1.6.1 Metode Pengumpulan Data | 6 |
| 1.6.2 Metode Pengembangan Perangkat Lunak | 6 |
| 1.7 Jadwal Pengerjaan | 8 |
| BAB 2 TINJAUAN PUSTAKA..... | 9 |
| 2.1 Penelitian Terdahulu..... | 9 |
| 2.2 Akuntansi | 10 |
| 2.2.1 Siklus Akuntansi..... | 11 |
| 2.2.2 Metode Pencatatan Transaksi..... | 18 |
| 2.2.3 Persediaan..... | 19 |
| 2.2.4 <i>Chart Of Account (COA)</i> | 22 |
| 2.2.5 Penjualan..... | 23 |
| 2.2.6 Pembelian..... | 23 |
| 2.2.7 Beban Operasional | 23 |
| 2.2.8 Harga Jual | 24 |
| 2.2.9 Harga Pokok Penjualan | 24 |

| | | |
|--------|---|----|
| 2.2.10 | Laporan Penjualan..... | 25 |
| 2.2.11 | Laporan Pembelian | 25 |
| 2.2.12 | Perusahaan Dagang..... | 25 |
| 2.2.13 | Pajak Pertambahan Nilai | 26 |
| 2.3 | Analisis Perancangan Sistem | 26 |
| 2.3.1 | <i>Rich Picture</i> | 26 |
| 2.3.2 | <i>Business Process Modelling Notations (BPMN)</i> | 26 |
| 2.3.3 | <i>Unified Modelling Language (UML)</i> | 28 |
| 2.3.4 | <i>Entity Relation Diagram (ERD)</i> | 31 |
| 2.3.5 | <i>Mockup</i> | 33 |
| 2.4 | Implementasi Sistem | 33 |
| 2.4.1 | Aplikasi Berbasis Web | 33 |
| 2.4.2 | Hyper Text Processor (PHP) | 33 |
| 2.4.3 | <i>Code Igniter (CI)</i> | 35 |
| 2.4.4 | MY SQL | 36 |
| 2.4.5 | <i>Barcode</i> | 37 |
| 2.5 | Pengujian sistem..... | 39 |
| 2.5.1. | <i>Black Box Testing</i> | 39 |
| 2.5.2. | <i>User Acceptance Testing (UAT)</i> | 39 |
| BAB 3 | ANALISIS DAN PERANCANGAN | 40 |
| 3.1. | Gambaran Sistem Saat Ini..... | 40 |
| 3.1.1. | <i>Rich Picture</i> | 40 |
| 3.1.2. | <i>Business Process Modelling Notation (BPMN)</i> | 41 |
| 3.1.3. | Identifikasi Area Fungsional Bisnis | 45 |
| 3.2. | Analisis Kebutuhan Sistem..... | 45 |
| 3.2.1. | Aliran Data Transaksi Keuangan..... | 45 |
| 3.2.2. | Pemodelan Kebutuhan Berbentuk Diagram Usecase | 46 |
| 3.2.3. | Pemodelan Kebutuhan Berbentuk Diagram <i>Activity</i> | 49 |
| 3.2.4. | Pemodelan Kebutuhan Berbentuk Diagram <i>Class</i> | 56 |
| 3.2.5. | Pemodelan Kebutuhan Berbentuk Diagram <i>Sequence</i> | 56 |
| 3.3. | Perancangan Basis Data..... | 70 |
| 3.3.1. | <i>Entity Relationship Diagram</i> | 70 |

| | | |
|----------------|--|-----|
| 3.3.2. | Struktur Tabel..... | 70 |
| 3.3.3. | Desain Antar Muka Pengguna..... | 74 |
| 3.3.4. | Desain Diagram Relasi Antar Tabel | 75 |
| BAB 4 | IMPLEMENTASI DAN PENGUJIAN | 76 |
| 4.1. | Implementasi..... | 76 |
| 4.1.1 | Implementasi Basis Data..... | 76 |
| 4.1.2 | Implementasi Proses..... | 78 |
| 4.2. | Pengujian | 94 |
| 4.2.1 | Pengujian Aplikasi | 95 |
| 4.3. | Pengujian <i>Black Box Testing</i> | 103 |
| BAB 5 | KESIMPULAN | 119 |
| 5.1 | Kesimpulan | 119 |
| 5.2 | Saran | 119 |
| DAFTAR PUSTAKA | | 120 |
| LAMPIRAN..... | | 124 |