

DAFTAR ISI

| | |
|--|-----|
| LEMBAR PENGESAHAN TUGAS AKHIR | 3 |
| SURAT PERNYATAAN..... | 4 |
| ABSTRACT | 6 |
| ABSTRAK | i |
| DAFTAR ISI..... | i |
| DAFTAR GAMBAR | iii |
| DAFTAR TABEL..... | iv |
| BAB I PENDAHULUAN | 6 |
| 1.1 Latar Belakang | 6 |
| 1.2 Identifikasi dan Rumusan Masalah | 7 |
| 1.2.1 Identifikasi Masalah | 7 |
| 1.2.2 Rumusan Masalah | 8 |
| 1.3 Ruang Lingkup dan Batasan Masalah..... | 8 |
| 1.4 Maksud dan Tujuan Penelitian..... | 8 |
| 1.4.1. Maksud Penelitian..... | 8 |
| 1.4.2 Tujuan Penelitian | 9 |
| 1.5 Manfaat Penelitian | 9 |
| BAB II TINJAUAN PUSTAKA..... | 10 |
| 2.1 Teori Dasar..... | 10 |
| 2.1.1 Sistem..... | 10 |
| 2.1.2 Informasi | 12 |
| 2.1.3 Sistem Informasi | 12 |
| 2.1.3 Website..... | 12 |
| 2.1.5 Database | 12 |
| 2.1.6 Pengertian Waterfall..... | 13 |
| 2.1.7 Pengertian SDLC (System Development Life-Cycle) | 13 |
| 2.1.8 Unified Modeling Language (UML)..... | 15 |
| 2.1.9 Use Case Diagram..... | 15 |

| | | |
|--|---|----|
| 2.2 | Tinjauan Pustaka | 22 |
| BAB III METODE PENELITIAN..... | | 25 |
| 3.1 | Latar Belakang Objek Penelitian | 25 |
| 3.2 | Metode Penelitian..... | 25 |
| 3.3 | Objek Penelitian | 25 |
| 3.4 | Analisis Sistem Berjalan | 26 |
| 3.4.1 | Analisis Dokumen..... | 28 |
| 3.5 | Analisis Kebutuhan | 29 |
| BAB IV HASIL DAN ANALISIS PENELITIAN | | 31 |
| 4.1 | Analisa Perancangan Sistem | 31 |
| 4.2 | Perancangan Diagram Sistem Usulan | 31 |
| 4.2.1 | <i>Use Case</i> Diagram..... | 31 |
| 4.2.2 | Spesifikasi <i>Use Case</i> | 33 |
| 4.3 | Activity Diagram..... | 44 |
| 4.3.1 | Class Diagram | 51 |
| 4.3.2 | Spesifikasi Class Diagram..... | 52 |
| 4.3.3 | Sequence Diagram | 57 |
| 4.2.4 | Perancangan Antar Muka Pengguna | 66 |
| 4.4 | Perancangan Implementasi (Testing)..... | 72 |
| BAB V PENUTUP | | 80 |
| 5.1 | Kesimpulan | 80 |
| 5.2 | Saran..... | 80 |
| LAMPIRAN | | 84 |