DAFTAR ISI

LEMBAR PENGESAHAN

ABSTRACT ..................................................................................... i
ABSTRAK ..................................................................................... ii
KATA PENGANTAR ....................................................................... iii
DAFTAR ISI ................................................................................... v
DAFTAR TABEL .............................................................................. ix
DAFTAR GAMBAR ........................................................................ x
DAFTAR SIMBOL ........................................................................... xiii
DAFTAR LAMPIRAN ....................................................................... xvi

BAB 1  PENDAHULUAN
   1.1 Latar Belakang Masalah ....................................................... 1-1
   1.2 Rumusan Masalah .............................................................. 1-2
   1.3 Maksud dan Tujuan ............................................................ 1-2
   1.4 Batasan Masalah ............................................................... 1-3
   1.5 Metode Penelitian ............................................................. 1-3
   1.6 Sistematika Penulisan ....................................................... 1-4

BAB 2  LANDASAN TEORI
   2.1 Definisi Aplikasi ............................................................... 2-1
   2.2 Radio Kampus ................................................................. 2-1
   2.3 SMS Gateway ................................................................. 2-2
       2.3.1 Short Message Service (SMS) ................................. 2-2
       2.3.2 Kelebihan SMS ....................................................... 2-2
       2.3.3 Karakteristik SMS .................................................... 2-3
       2.3.4 Layanan Aplikasi SMS ........................................... 2-4
       2.3.5 Pengertian SMS Gateway ...................................... 2-4
       2.3.6 Gammu ................................................................. 2-6
   2.4 Definisi UML ................................................................. 2-8
       2.4.1 Use Case Diagram .................................................... 2-8
BAB 3 ANALISIS SISTEM

3.1 Deskripsi Sistem Lama .............................................. 3-1
3.2 Pembahasan Sistem Yang Dibangun ...................................... 3-2
3.3 Use Case Diagram .............................................. 3-5
  3.3.1 Deskripsi Aktor .............................................. 3-5
  3.3.2 Deskripsi Use Case Diagram ...................................... 3-6
  3.3.3 Use Case Diagram .............................................. 3-7
    3.3.3.1 Skenario Use Case Diagram ...................................... 3-7
  3.3.4 Class Diagram Tahap Analisis ...................................... 3-11
  3.3.5 Sequence diagram .............................................. 3-12
  3.3.6 Activity Diagram .............................................. 3-26

BAB 4 PERANCANGAN SISTEM

4.1 Pemodelan Sistem Menggunakan Class Diagram .................. 4-1
4.2 Design Database .............................................. 4-2
4.2 Struktur Menu .............................................. 4-3
  4.2.1 Penjelasan Struktur Menu ...................................... 4-4
4.3 Perancangan Antarmuka .............................................. 4-5
  4.3.1 Perancangan Antarmuka Login ...................................... 4-5
  4.3.2 Perancangan Antarmuka Menu Utama ...................................... 4-6
  4.3.3 Perancangan Antarmuka Data Log ...................................... 4-6
4.3.4 Perancangan Antarmuka User History ......................... 4-7
4.3.5 Perancangan Antarmuka User Account ....................... 4-7
4.3.6 Perancangan Antarmuka Add User ............................. 4-8
4.3.7 Perancangan Antarmuka Setting Format Request .......... 4-8
4.3.9 Perancangan Antarmuka Setting Format Ask ................ 4-9
4.3.10 Perancangan Antarmuka Setting Format Announce ...... 4-9

BAB 5 IMPLEMENTASI DAN PENGUJIAN

5.1 Lingkungan Implementasi ........................................... 5-1
  5.1.1. Lingkungan Perangkat Keras (Hardware) ................. 5-1
  5.1.2. Lingkungan Perangkat Lunak (Software) ................. 5-1
5.2 Pengujian Sistem ....................................................... 5-2
5.3 Implementasi Antar Muka ............................................ 5-4
  5.3.1. Tampilan Login ................................................... 5-4
  5.3.2 Tampilan Menu Utama ............................................ 5-5
  5.3.3 Tampilan Menu Data Log ........................................ 5-7
  5.3.4 Tampilan Menu User History .................................... 5-8
  5.3.5 Tampilan Menu User Account ................................... 5-9
  5.3.6 Tampilan Menu Add User ......................................... 5-10
  5.3.7 Tampilan Setting Tag Request .................................. 5-11
  5.3.8 Tampilan Setting Tag Ask ........................................ 5-12
  5.3.9 Tampilan Setting Tag Announce ............................... 5-13
  5.3.10 Tampilan Pesan Request ......................................... 5-14
  5.3.11 Tampilan Pesan Ask ............................................. 5-15
  5.3.12 Tampilan Pesan Announce ...................................... 5-16
  5.3.13 Tampilan Pesan Yang Masuk Double ......................... 5-20
  5.3.14 Tampilan Cancel Pesan ......................................... 5-18
  5.3.15 Tampilan Pesan Salah Format .................................. 5-21
  5.3.16 Tampilan Ganti Setting Tag .................................... 5-22
  5.3.17 Tampilan Read SMS ............................................. 5-24
  5.3.18 Tampilan All Data Log ......................................... 5-25
BAB 6 PENUTUP

6.1 Kesimpulan ............................................................................. 6-1
6.2 Saran ....................................................................................... 6-2

DAFTAR PUSTAKA

LAMPIRAN