

DAFTAR ISI

| | |
|----------------------------------|-------------|
| HALAMAN JUDUL..... | i |
| HALAMAN PERSETUJUAN | ii |
| HALAMAN PENGESAHAN | iii |
| HALAMAN PERSEMBAHAN | iv |
| MOTTO | v |
| KATA PENGANTAR..... | vi |
| INTISARI | viii |
| DAFTAR ISI..... | ix |
| DAFTAR GAMBAR | xiv |
| DAFTAR TABEL | xv |

BAB I

| | |
|------------------------------------|----------|
| PENDAHULUAN | 1 |
| 1.1 Latar Belakang Masalah..... | 1 |
| 1.2 Rumusan Masalah..... | 2 |
| 1.3 Ruang Lingkup | 3 |
| 1.4 Tujuan | 4 |

BAB II

| | |
|---|----------|
| TINJAUAN PUSTAKA DAN DASAR TEORI | 5 |
| 2.1 Tinjauan Pustaka | 5 |

| | | |
|--------|-----------------------------------|---|
| 2.2 | Dasar Teori..... | 5 |
| 2.2.1. | Pengertian Sistem Informasi | 6 |
| 2.2.2. | Pengolahan Data | 6 |
| 2.2.3. | Alumni | 6 |
| 2.2.4. | Bahasa Pemograman PHP..... | 7 |
| 2.2.5. | MySQL | 8 |

BAB III

ANALISIS DAN PERANCANGAN SISTEM9

| | | |
|---------|--------------------------------|----|
| 3.1 | Analisis Sistem | 9 |
| 3.2 | Analisis Kebutuhan Sistem..... | 10 |
| 3.2.1. | Kebutuhan Input | 10 |
| 3.2.2. | Kebutuhan Proses | 11 |
| 3.2.3. | Kebutuhan Output | 11 |
| 3.2.4. | Perangkat Keras..... | 11 |
| 3.2.5. | Perangkat Lunak | 12 |
| 3.3 | Perancangan Tabel | 12 |
| 3.3.1. | Tabel Alumni..... | 12 |
| 3.3.2. | Tabel Event | 13 |
| 3.3.3. | Tabel Berita | 14 |
| 3.3.4. | Tabel User | 14 |
| 3.3.5. | Tabel Member Event | 15 |
| 3.3.6. | Tabel Galeri | 15 |
| 3.3.7. | Tabel Kritik Saran..... | 16 |
| 3.3.8. | Tabel Buku Tamu | 16 |
| 3.3.9. | Tabel Pesan | 17 |
| 3.3.10. | Tabel Detail_pesan | 17 |
| 3.3.11. | Relasi Tabel | 18 |
| 3.4 | Perancangan Sistem | 19 |

| | | |
|---------|--|----|
| 3.4.1. | Flowchart Diagram | 19 |
| 3.4.2. | Diagram Konteks..... | 21 |
| 3.4.3. | Diagram Alir Data..... | 22 |
| 3.5 | Perancangan Form Input | 24 |
| 3.5.1. | Rancangan Form Input Data User..... | 24 |
| 3.5.2. | Rancangan Login user..... | 25 |
| 3.5.3. | Rancangan Form Input NIS | 25 |
| 3.5.4. | Rancangan Form Input Data Alumni | 26 |
| 3.5.5. | Rancangan Form Login Alumni | 27 |
| 3.5.6. | Rancangan Form Input Acara(event) | 28 |
| 3.5.7. | Rancangan Form Input Member Event | 29 |
| 3.5.8. | Rancangan Form Input Berita | 30 |
| 3.5.9. | Rancangan Form Input Galeri | 30 |
| 3.5.10. | Rancangan Form Input Kritik Saran | 31 |
| 3.5.11. | Rancangan Form Input Pesan(chatting) | 31 |
| 3.5.12. | Rancangan Form Input Detail pesan..... | 31 |
| 3.5.13. | Rancangan Form Input Buku Tamu | 32 |
| 3.6 | Perancangan Form Output | 32 |
| 3.6.1. | Rancangan Informasi User..... | 32 |
| 3.6.2. | Rancangan Informasi Data Alumni..... | 33 |
| 3.6.3. | Rancangan Informasi Acara(event)..... | 33 |
| 3.6.4. | Rancangan Informasi Member Event..... | 33 |
| 3.6.5. | Rancangan Informasi Berita..... | 34 |
| 3.6.6. | Rancangan Informasi Galeri..... | 34 |
| 3.6.7. | Rancangan Informasi Kritik Saran | 34 |
| 3.6.8. | Rancangan Informasi Pesan..... | 35 |
| 3.6.9. | Rancangan Informasi Detail Pesan..... | 35 |
| 3.6.10. | Rancangan Informasi Buku Tamu | 35 |

BAB IV

IMPLEMENTASI DAN PEMBAHASAN SISTEM.....36

| | | |
|---------|--|----|
| 4.1 | Implementasi Sistem | 36 |
| 4.1.1. | Implementasi Koneksi Database ke Sistem | 36 |
| 4.1.2. | Halaman Utama | 37 |
| 4.1.3. | Halaman Input Data User | 39 |
| 4.1.4. | Halaman Input NIS..... | 39 |
| 4.1.5. | Halaman Input Data Acara(event) | 40 |
| 4.1.6. | Halaman Input Member Event..... | 41 |
| 4.2 | Pembahasan Sistem..... | 41 |
| 4.2.1. | Halaman Utama | 42 |
| 4.2.2. | Halaman Form Input Data User | 43 |
| 4.2.3. | Halaman Form Input NIS..... | 44 |
| 4.2.4. | Halaman Laporan Data Berita | 44 |
| 4.2.5. | Halaman Laporan Data Acara(event) | 45 |
| 4.2.6. | Halaman Laporan Kritik Saran..... | 45 |
| 4.2.7. | Halaman Laporan Buku Tamu | 45 |
| 4.2.8. | Halaman Laporan Galeri | 45 |
| 4.2.9. | Halaman Laporan Pesan | 46 |
| 4.2.10. | Halaman Laporan Detail Pesan | 46 |

BAB V

PENUTUP.....47

| | | |
|-----|-----------------|----|
| 5.1 | Kesimpulan..... | 47 |
| 5.2 | Saran..... | 47 |

DAFTAR PUSTAKA48

LAMPIRAN

- LAMPIRAN 1 : PERANCANGAN FORM INPUT
- LAMPIRAN 2 : RANCANGAN LAPORAN
- LAMPIRAN 3 : PEMBAHASAN SISTEM

DAFTAR GAMBAR

| | |
|--|----|
| Gambar 3.1 Relasi Tabel | 19 |
| Gambar 3.2 Flowchart Diagram | 20 |
| Gambar 3.3 Diagram Konteks..... | 21 |
| Gambar 3.4 Diagram Alir Data(level 1) | 23 |
| Gambar 3.5 Form Input Data User | 24 |
| Gambar 3.6 Form Login User..... | 25 |
| Gambar 3.7 Form Input NIS | 26 |
| Gambar 3.8 Form Input Data Alumni | 27 |
| Gambar 3.9 Form Login Alumni | 28 |
| Gambar 3.10 Form Input Acara(event) | 29 |
| Gambar 3.11 Form Member Event..... | 30 |
| Gambar 4.1 Halaman Utama Login User | 42 |
| Gambar 4.2 Tampilan Halaman Utama User | 42 |
| Gambar 4.3 Tampilan Form Input Data User | 43 |
| Gambar 4.4 Tampilan Halaman Profil User | 44 |
| Gambar 4.5 Tampilan Halaman Input NIS | 44 |

DAFTAR TABEL

| | |
|--|----|
| Tabel 3.1 Struktur Tabel Alumni..... | 12 |
| Tabel 3.2 Struktur Tabel Event | 13 |
| Tabel 3.3 Struktur Tabel Berita | 14 |
| Tabel 3.4 Struktur Tabel User..... | 14 |
| Tabel 3.5 Struktur Tabel Member Event | 15 |
| Tabel 3.6 Struktur Tabel Galeri | 15 |
| Tabel 3.7 Struktur Tabel KritikSaran..... | 16 |
| Tabel 3.8 Struktur Tabel Buku Tamu | 17 |
| Tabel 3.9 Struktur Tabel Pesan | 17 |
| Tabel 3.10 Struktur Tabel Detail Pesan | 18 |