

DAFTAR ISI

Halaman

COVER	
HALAMAN PENGESAHAN	Error! Bookmark not defined.
HALAMAN PERNYATAAN	Error! Bookmark not defined.
ABSTRAK	Error! Bookmark not defined.
ABSTRACT	Error! Bookmark not defined.
HALAMAN PERSEMBAHAN	Error! Bookmark not defined.
UNGKAPAN TERIMA KASIH	Error! Bookmark not defined.
KATA PENGANTAR	Error! Bookmark not defined.
MOTTO	Error! Bookmark not defined.
DAFTAR ISI	x
DAFTAR GAMBAR	xiii
BAB I PENDAHULUAN	Error! Bookmark not defined.
1.1 Latar Belakang	Error! Bookmark not defined.
1.2 Rumusan Masalah	Error! Bookmark not defined.
1.3 Tujuan	Error! Bookmark not defined.
1.4 Manfaat	Error! Bookmark not defined.
1.5 Batasan Masalah / Ruang Lingkup	Error! Bookmark not defined.
BAB II TINJAUAN PUSTAKA	Error! Bookmark not defined.
2.1 Universitas Muhammadiyah Jember	Error! Bookmark not defined.
2.2 Sistem Informasi Akademik (SIA)	Error! Bookmark not defined.
2.2.1 Sistem Informasi Akademik (SIA) secara umum	Error! Bookmark not defined.
2.2.2 Sistem Informasi Akademik di Universitas Muhammadiyah Jember	Error! Bookmark not defined.
2.3 Sistem Informasi Manajemen Keuangan (SIMAKU)	Error! Bookmark not defined.
2.3.1 Sistem Informasi Manajemen Keuangan Secara umum	Error! Bookmark not defined.
2.4 Sistem Informasi Manajemen Kepegawaian (SIMPEG)	Error! Bookmark not defined.
2.4.1 Sistem Informasi Manajemen Kepegawaian secara umum	Error! Bookmark not defined.

2.4.2	Sistem Informasi Manajemen Kepegawaian di Universitas Muhammadiyah Jember	Error! Bookmark not defined.
2.5	Sistem Informasi Manajemen Penelitian dan Pengabdian kepada Masyarakat (SIMLITABMAS)	Error! Bookmark not defined.
2.5.1	Sistem Informasi Manajemen Penelitian dan Pengabdian kepada Masyarakat di Universitas Muhammadiyah Jember.....	Error! Bookmark not defined.
2.6	MYSQL.....	Error! Bookmark not defined.
2.6.1	Sejarah MYSQL.....	Error! Bookmark not defined.
2.6.2	Pengertian MYSQL.....	Error! Bookmark not defined.
2.6.3	Keistimewaan MySQL	Error! Bookmark not defined.
2.7	PHP	Error! Bookmark not defined.
2.7.1	Sejarah PHP.....	Error! Bookmark not defined.
2.7.2	Hubungan PHP dengan HTML.....	Error! Bookmark not defined.
2.8	Framework	Error! Bookmark not defined.
2.9	CodeIgneter	Error! Bookmark not defined.
2.10	Data Warehouse	Error! Bookmark not defined.
2.10.1	Pengertian.....	Error! Bookmark not defined.
2.10.2	Karakteristik DataWarehouse	Error! Bookmark not defined.
2.11	Manfaat Data Warehouse	Error! Bookmark not defined.
2.12	OLAP (Online Analytical Processing)	Error! Bookmark not defined.
2.13	ETL (Extraction, Transformation, Loading).....	Error! Bookmark not defined.
BAB III	METODOLOGI PENELITIAN	Error! Bookmark not defined.
3.1	Tahap Penelitian.....	Error! Bookmark not defined.
3.2	Studi Literatur.....	Error! Bookmark not defined.
3.3	Spesifikasi Kebutuhan	Error! Bookmark not defined.
3.3.1	Kebutuhan Fungsional.....	Error! Bookmark not defined.
3.3.2	Kebutuhan Non – Fungsional	Error! Bookmark not defined.
3.4	Sumber Data	Error! Bookmark not defined.
3.5	Perancangan Sistem	Error! Bookmark not defined.
3.6	Perancangan Fisik Arsitektur	Error! Bookmark not defined.
BAB IV	HASIL DAN PEMBAHASAN	Error! Bookmark not defined.
4.1	Implementasi Program	Error! Bookmark not defined.

4.2	Pembuatan Data Warehouse Universitas Muhammadiyah Jember	Error! Bookmark not defined.
4.2.1	Arsitektur <i>Data Warehouse</i>	Error! Bookmark not defined.
4.2.2	Sumber Data	Error! Bookmark not defined.
4.2.3	Data Warehouse	Error! Bookmark not defined.
4.2.4	<i>Front end tool</i>	Error! Bookmark not defined.
4.3	Transformasi Data	Error! Bookmark not defined.
4.4	Proses ETL	Error! Bookmark not defined.
4.4.1	Proses <i>Ekstraksi</i>	Error! Bookmark not defined.
4.4.2	Proses <i>Transform</i>	Error! Bookmark not defined.
4.4.3	Proses <i>Load</i>	Error! Bookmark not defined.
4.5	OLAP (<i>Online Analytical Processing</i>)	Error! Bookmark not defined.
4.6	Implementasi Antar Muka	Error! Bookmark not defined.
4.6.1	Halaman Data Penelitian	Error! Bookmark not defined.
4.6.2	Halaman Penerimaan Mahasiswa Baru	Error! Bookmark not defined.
4.6.3	Halaman Mahasiswa	Error! Bookmark not defined.
4.6.5	Halaman data Dosen	Error! Bookmark not defined.
4.6.6	Halaman Data Karyawan	Error! Bookmark not defined.
4.6.7	Halaman Data Fakultas dan Program Studi	Error! Bookmark not defined.
4.6.8	Halaman Data Hibah Dikti	Error! Bookmark not defined.
4.6.9	Halaman Kegiatan Keuangan Tahunan	Error! Bookmark not defined.
4.6.10	Halaman Kegiatan Keuangan Perunit	Error! Bookmark not defined.
4.6.11	Halaman ETL Proses	Error! Bookmark not defined.
4.6.12	<i>Backup Data</i>	Error! Bookmark not defined.
4.7	Pengujian	Error! Bookmark not defined.
BAB V KESIMPULAN DAN SARAN		Error! Bookmark not defined.
5.1	Kesimpulan	Error! Bookmark not defined.
5.2	Saran	Error! Bookmark not defined.
DAFTAR PUSTAKA		Error! Bookmark not defined.
LAMPIRAN		Error! Bookmark not defined.
BIODATA PENULIS		Error! Bookmark not defined.

DAFTAR GAMBAR

- Gambar 2.1 ETL Proccess**Error! Bookmark not defined.**
- Gambar 3.1 Tahapan Penelitian.....**Error! Bookmark not defined.**
- Gambar 3.2 Skema proses pengolahan data.....**Error! Bookmark not defined.**
- Gambar 3.3 Perancangan Arsitektur Fisik**Error! Bookmark not defined.**
- Gambar 4.1 skema database data warehouse**Error! Bookmark not defined.**
- Gambar 4.18 Halaman data penelitian fakultas dan program**Error! Bookmark not defined.**
- Gambar 4.19 Halaman data penelitian fakultas dan program studi**Error! Bookmark not defined.**
- Gambar 4.4 Halaman penerimaan mahasiswa baru**Error! Bookmark not defined.**
- Gambar 4.5 Halaman mahasiswa aktif**Error! Bookmark not defined.**
- Gambar 4.6 Halaman mahasiswa aktif per-fakultas.....**Error! Bookmark not defined.**
- Gambar 4.7 Halaman penilaian mahasiswa fakultas.....**Error! Bookmark not defined.**
- Gambar 4.8 Halaman penilaian mahasiswa program studi per-fakultas **Error! Bookmark not defined.**
- Gambar 4.9 Halaman data dosen**Error! Bookmark not defined.**
- Gambar 4.10 Halaman data dosen program studi**Error! Bookmark not defined.**
- Gambar 4.11 Halaman data karyawan**Error! Bookmark not defined.**
- Gambar 4.12 Halaman status karyawan.....**Error! Bookmark not defined.**
- Gambar 4.13 Halaman data data fakultas dan program studi**Error! Bookmark not defined.**
- Gambar 4.14 Halaman data hibah dikti**Error! Bookmark not defined.**
- Gambar 4.15 Halaman data hibah fakultas dan program**Error! Bookmark not defined.**
- Gambar 4.16 Halaman data hibah fakultas dan program studi**Error! Bookmark not defined.**
- Gambar 4.201 Halaman data kegiatan keuangan**Error! Bookmark not defined.**
- Gambar 4.212 Halaman data kegiatan keuangan perunit**Error! Bookmark not defined.**

Gambar 4.223 Halaman data kegiatan keuangan per subunit **Error! Bookmark not defined.**

Gambar 4.23 Halaman ETL Proses **Error! Bookmark not defined.**

Gambar 4. 24 Halaman tranformasi data **Error! Bookmark not defined.**

Gambar 4.25 Tombol backup data..... **Error! Bookmark not defined.**

DAFTAR TABEL

Tabel 4.1 Daftar tabel database SIA **Error! Bookmark not defined.**

Tabel 4.2 Daftar tabel database SIMAKU **Error! Bookmark not defined.**

Tabel 4.3 Daftar tabel database SIMPEG **Error! Bookmark not defined.**

Tabel 4.4 Daftar tabel database SIMLITABMAS **Error! Bookmark not defined.**

Tabel 4.5 Data OLAP multi - dimensi **Error! Bookmark not defined.**

Tabel 4.6 Pengujian Black Box **Error! Bookmark not defined.**