

MAKALAH

SISTEM DATA BASE PADA PENGOLAHAN DATA ADMINISTRASI AKADEMIK DI FAKULTAS TEKNIK UNIVERSITAS HKBP NOMMENSEN

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Dosen Tetap UHN

Disampaikan pada Semiloka Pengadaan Sistem Administrasi Berbasis Pangkalan Data

diselenggarakan oleh :

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**UNIVERSITAS HKBP NOMMENSEN
MEDAN
2005**

STRUKTUR DATABASE

A. DIREKTORI DATASKS

1. KRS05103

Field	Field Name	Type	Width	Dec
1	NPM	Character	12	
2	FAKULTAS	Character	2	
3	JURUSAN	Character	4	
4	PROGSTUDI	Character	6	
5	GROP	Character	3	
6	SEMESTER	Numeric	2	
7	KOPEL	Character	6	
8	KREDIT	Numeric	2	

2. KOPEL103

Field	Field Name	Type	Width	Dec
1	KOPEL	Character	6	
2	NAMA_PEL	Character	25	
3	KREDIT	Numeric	1	
4	NIP_DOS1	Character	9	
5	NIP_DOS2	Character	9	
6	NIP_DOS2	Character	9	
7	NIP_DOS2	Character	9	
8	NIP_DOS2	Character	9	

3. DOSEN

Field	Field Name	Type	Width	Dec
1	NIP	Character	9	
2	NAMA_DOS	Character	25	
3	GOLONGAN	Character	1	
4	RUANG	Character	1	
5	PANGKAT	Character	25	
6	FAKULTAS	Character	2	
7	JURUSAN	Character	4	
8	PROGSTUDI	Character	6	

4. MHSISWA

Field	Field Name	Type	Width	Dec
1	NPM	Character	12	
2	NIRM	Character	13	
3	NAMA_MHS	Character	25	
4	KELAMIN	Character	1	
5	FAKULTAS	Character	2	
6	JURUSAN	Character	4	
7	PROGSTUDI	Character	6	
8	NIP	Character	9	
9	TG_LULUS	Date	8	

5. NILAI03

Field	Field Name	Type	Width	Dec
1	NPM	Character	8	
2	SEM	Numeric	2	
3	KOPEL	Character	6	
4	MP	Character	25	
5	KRD	Numeric	1	
6	HM	Character	1	
7	AM	Numeric	2	

6. JABATAN

Field	Field Name	Type	Width	Dec
1	NAMA	Character	25	
2	KODE_JABAT	Character	1	

7. FAKULTAS

Field	Field Name	Type	Width	Dec
1	UNIVERSITA	Character	25	
2	FAKULTAS	Character	2	
3	NAMA_FAK	Character	25	
4	JURUSAN	Character	4	
5	NAMA_JUR	Character	25	
6	PROGSTUDI	Character	6	
7	NAMA_PRG	Character	25	

B. MESIN/ELEKTRO/SIPII

1. KOPEL103

Field	Field Name	Type	Width	Dec
1	KOPEL	Character	6	
2	NAMA_PEL	Character	25	
3	KREDIT	Numeric	1	

2. MHSISWA → NAMA

Field	Field Name	Type	Width	Dec
1	NPM	Character	8	
2	NAMA_MHS	Character	25	

3. NILAI03

Field	Field Name	Type	Width	Dec
1	NPM	Character	8	
2	SEM	Numeric	2	
3	KOPEL	Character	6	
4	MP	Character	25	
5	KRD	Numeric	1	
6	HM	Character	1	
7	AM	Numeric	2	

C. ABSEN/DATA

1. KOPEL103

Field	Field Name	Type	Width	Dec
1	KOPEL	Character	6	
2	NAMA_PEL	Character	25	
3	KREDIT	Numeric	1	

2. MHSISWA → NAMA

Field	Field Name	Type	Width	Dec
1	NPM	Character	8	
2	NAMA_MHS	Character	25	

3. KRS05103

Field	Field Name	Type	Width	Dec
1	NPM	Character	8	
2	KOPEL	Character	6	
3	KREDIT	Numeric	2	

4. INIT

Field	Field Name	Type	Width	Dec
1	NPM	Character	8	
2	KOPEL	Character	6	
3	ABSEN	Numeric	1	

OPERASIONAL PENGOLAHAN DATA AKADEMIK

KEGIATAN	DATA	DIREKTORI		
		DATASKS	MESIN	ABSEN
ENTRI	KRS			
	DOSEN			
	MAHASISWA			
	KOPEL			
	NAMA_PEL			
	FAKULTAS			
	ABSEN			
	NILAI			
EDIT	KRS			
	DOSEN			
	MAHASISWA			
	KOPEL			
	NAMA_PEL			
	FAKULTAS			
	ABSEN			
	NILAI			
CETAK	KRS			
	DOSEN			
	MAHASISWA			
	KOPEL			
	NAMA_PEL			
	FAKULTAS			
	ABSEN			
	NILAI			
	DISTRIBUSI NILAI			
	REKAP IP			
	KHS			
REKAP PESERTA KULIAH				
HAPUS	KRS			
	DOSEN			
	MAHASISWA			
	KOPEL			
	NAMA_PEL			
	FAKULTAS			
	ABSEN			
	NILAI			

DIREKTORI DATA

2. MESIN/ELEKTRO/SIPIL

→ KOPEL → KOPEL103

MAHASISWA → NAMA

NILAI → NILAI03

3. ABSEN/DATA → KOPEL → KOPEL1

MAHASISWA → NAMA

KRS → KRS031

MATA KULIAH → INIT

DIREKTORI DATA

- 1. DATAKRS → KRS → KRS05103
- 2. DATAKOPEL → KOPEL → KOPEL103
- 3. DATAJABATAN → JABATAN → JABATAN
- 4. DATAFAKULTAS → FAKULTAS → FAKULTAS
- 5. DATADOSEN → DOSEN → DOSEN
- 6. DATAMAHASISWA → MAHASISWA → MAHASISWA
- 7. DATANILAI → NILAI → NILAI03
- 8. DATAHDR → HDR → HDR05103
- 9. DATA BAP → BAP → BAP5103
- 10. DATAKELOMPOK → KEL05103

DIREKTORI FILE EKSEKUSI

1. SKS



JICA.EXE

2. ABSEN



MENU.EXE

3. MESIN/ELEKTRO/SIPIL



NILAI.EXE

DIREKTORI

1. PROGRAM EKSEKUSI
 - a. S K S
 - b. MESIN/ELEKTRO/SIPIL
 - c. ABSEN
2. DATA
 - a. DATASKS
 - b. MESIN/ELEKTRO/SIPIL
 - c. ABSEN/DATA