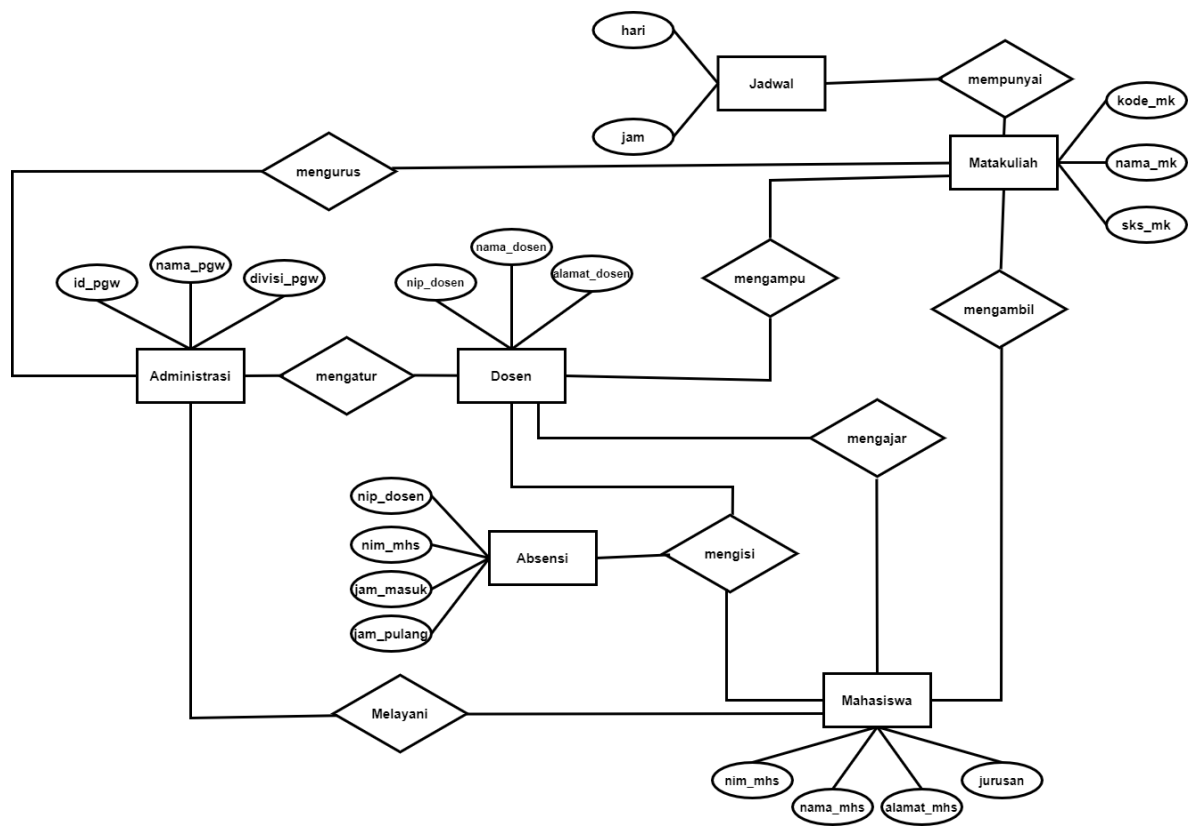


Nama Kelompok :

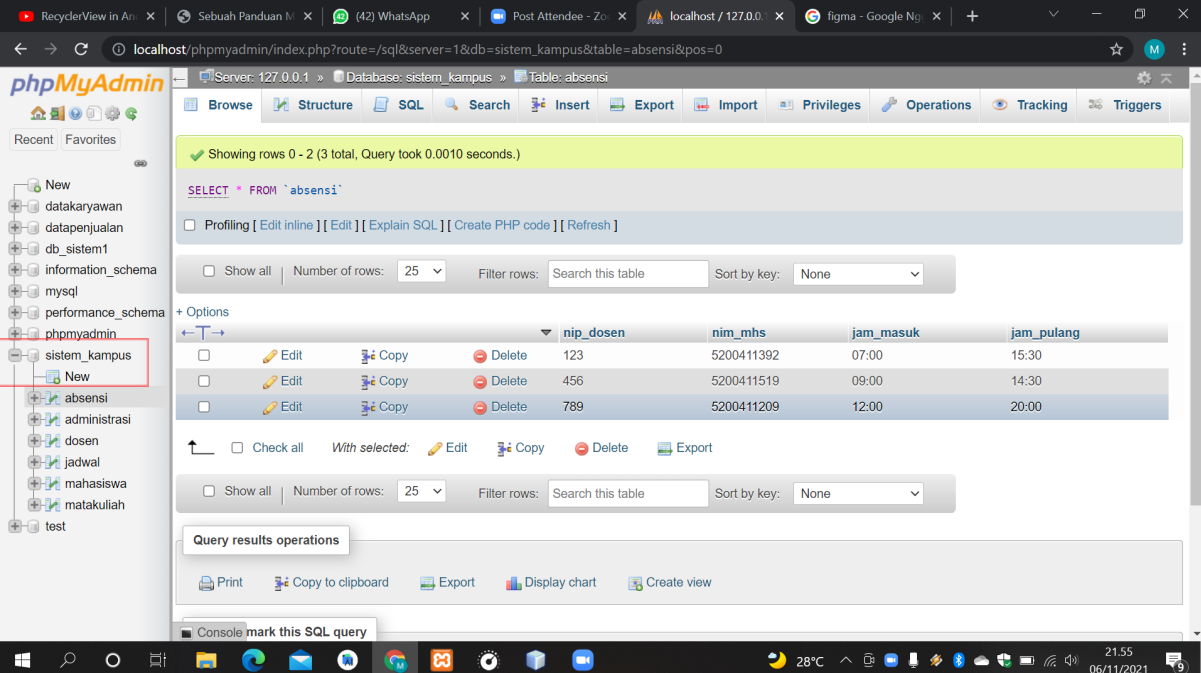
1. 5200411209 Ferdinansyah Da Yuan
2. 5200411392 Muhammad Holid Fajar
3. 5200411519 Alfin Andrias Wardoyo

## Pembuatan sebuah ERD dengan entitas



## Transformasikan ke dalam Database

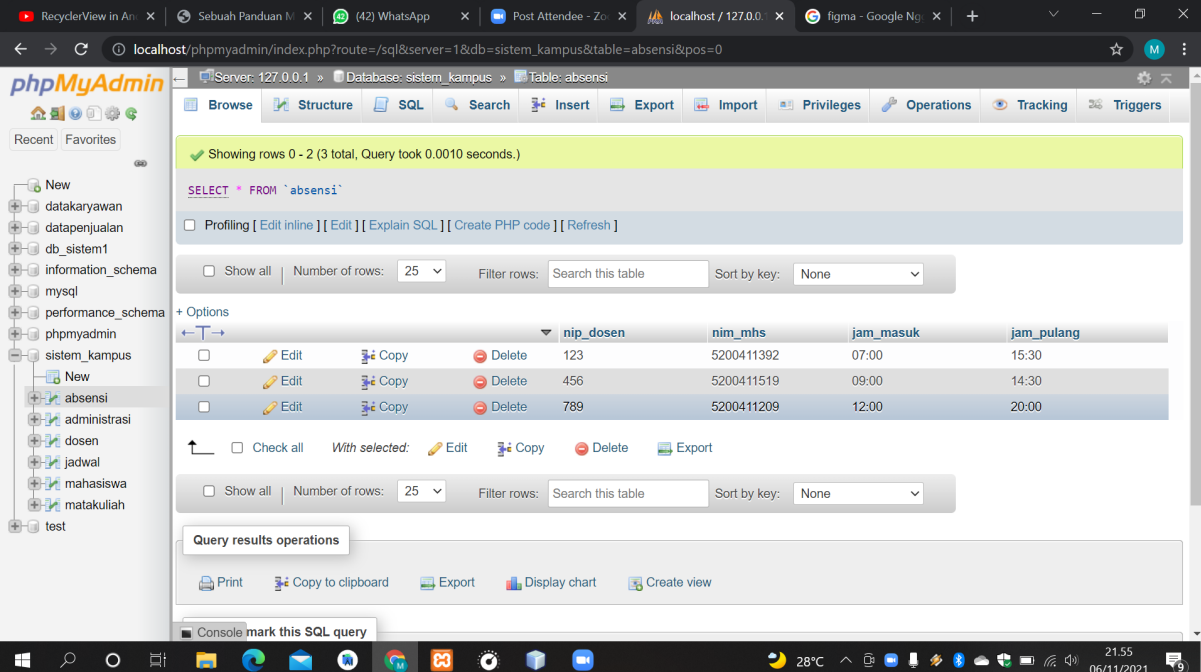
Nama database adalah sistem\_kampus



The screenshot shows the phpMyAdmin interface for the 'sistem\_kampus' database. The 'absensi' table is selected, and the 'Browse' tab is active. The table structure is as follows:

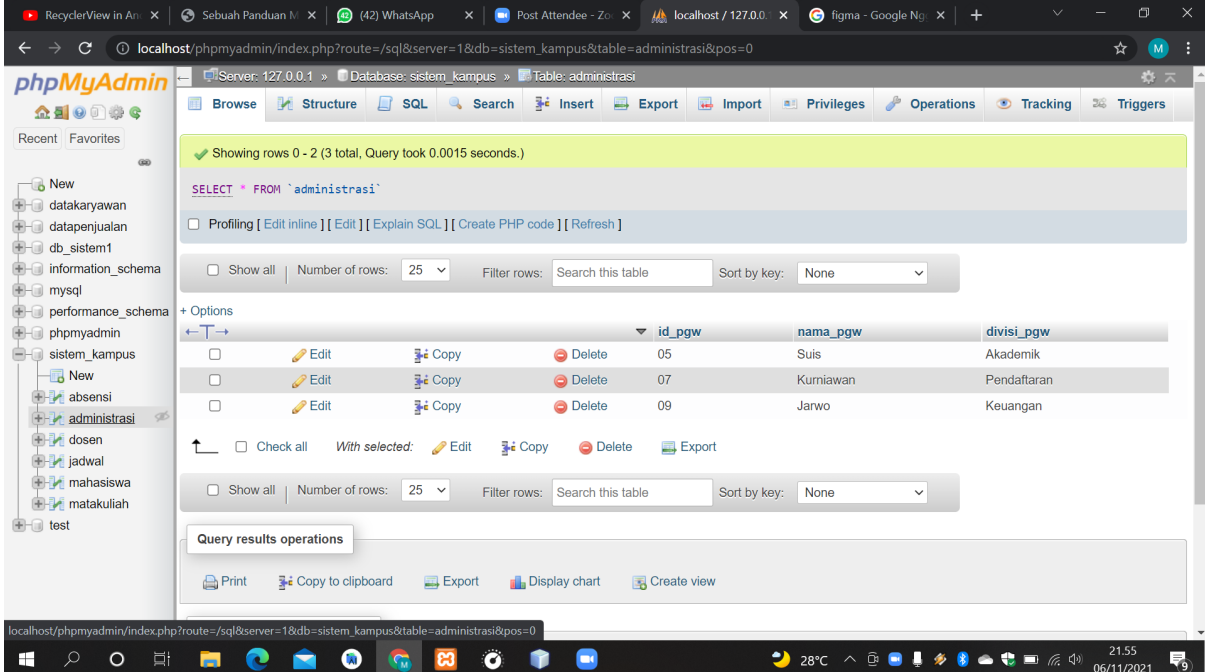
	nip_dosen	nim_mhs	jam_masuk	jam_pulang
<input type="checkbox"/>	123	5200411392	07:00	15:30
<input type="checkbox"/>	456	5200411519	09:00	14:30
<input type="checkbox"/>	789	5200411209	12:00	20:00

Tabel Absensi dengan entitas nip\_dosen, nim\_mhs, jam\_masuk, jam\_pulang



This screenshot is identical to the one above, showing the 'absensi' table in the 'sistem\_kampus' database with the same data rows.

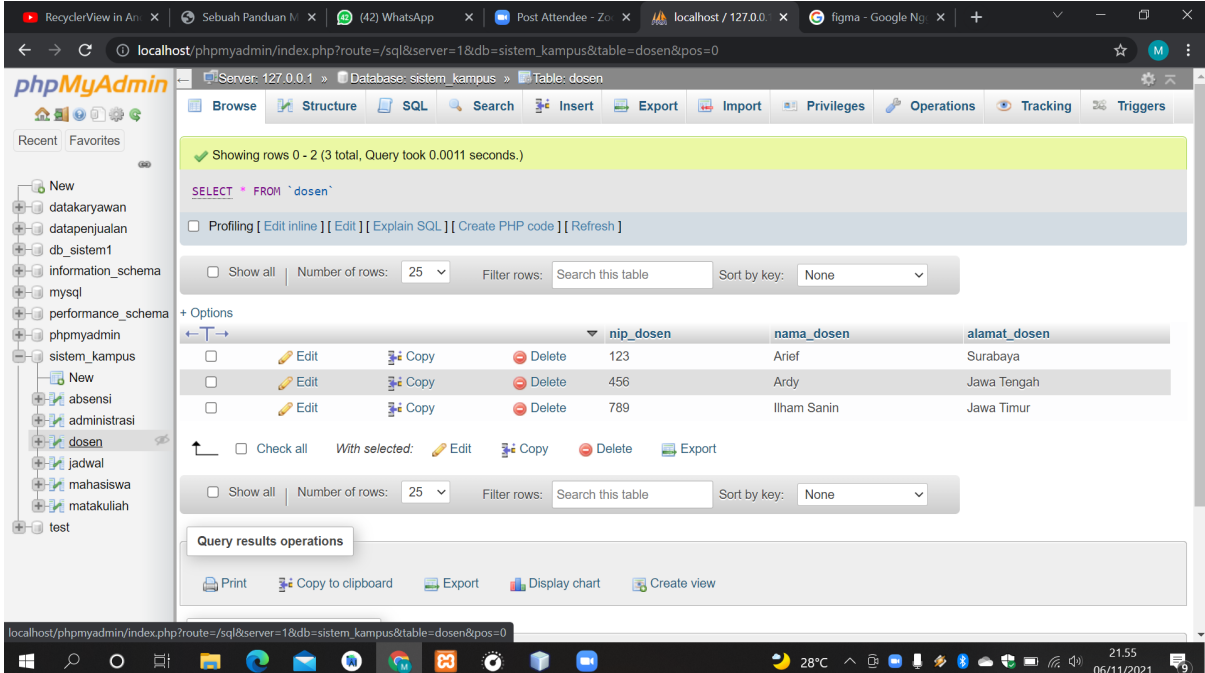
## Tabel Administrasi dengan entitas id\_pgw, nama\_pgw, divisi\_pgw



The screenshot shows the phpMyAdmin interface for the 'sistem\_kampus' database. The 'administrasi' table is selected, and the SQL query 'SELECT \* FROM `administrasi`' is executed. The table contains 3 rows of data.

	id_pgw	nama_pgw	divisi_pgw
<input type="checkbox"/>	05	Suis	Akademik
<input type="checkbox"/>	07	Kurniawan	Pendaftaran
<input type="checkbox"/>	09	Jarwo	Keuangan

## Tabel Dosen dengan entitas nip\_dosen, nama\_dosen, alamat\_dosen



The screenshot shows the phpMyAdmin interface for the 'sistem\_kampus' database. The 'dosen' table is selected, and the SQL query 'SELECT \* FROM `dosen`' is executed. The table contains 3 rows of data.

	nip_dosen	nama_dosen	alamat_dosen
<input type="checkbox"/>	123	Arief	Surabaya
<input type="checkbox"/>	456	Ardy	Jawa Tengah
<input type="checkbox"/>	789	Ilham Sanin	Jawa Timur

## Tabel Jadwal dengan entitas hari, jam

The screenshot shows the phpMyAdmin interface for the 'sistem\_kampus' database. The 'jadwal' table is selected, and the SQL query 'SELECT \* FROM `jadwal`' is executed, showing 3 rows. The table structure and data are as follows:

	hari	jam
<input type="checkbox"/>	Rabu	11:50
<input type="checkbox"/>	Selasa	10:30
<input type="checkbox"/>	Senin	7:30

## Tabel Mahasiswa dengan entitas nim\_mhs, nama\_mhs, alamat\_mhs, jurusan

The screenshot shows the phpMyAdmin interface for the 'sistem\_kampus' database. The 'mahasiswa' table is selected, and the SQL query 'SELECT \* FROM `mahasiswa`' is executed, showing 3 rows. The table structure and data are as follows:

	nim_mhs	nama_mhs	alamat_mhs	jurusan
<input type="checkbox"/>	5200411209	Ferdinansyah	Sleman	Teknik Industri
<input type="checkbox"/>	5200411392	Muhammad Fajar	Jambi	Informatika
<input type="checkbox"/>	5200411519	Alfin	Cilacap	Teknik Sipil

## Tabel Matakuliah dengan entitas kode\_mk, nama\_mk, sks\_mk

The screenshot displays the phpMyAdmin interface for a database named 'sistem\_kampus'. The 'matakuliah' table is selected, and its structure and data are shown. The table has three columns: 'kode\_mk', 'nama\_mk', and 'sks\_mk'. The data is as follows:

	kode_mk	nama_mk	sks_mk
<input type="checkbox"/>	01	MDPLP	3
<input type="checkbox"/>	02	Sistem Komputer	3
<input type="checkbox"/>	03	Mobile Web Service	2
<input type="checkbox"/>	04	Pancasila	2

The interface also shows the SQL query used to retrieve the data: `SELECT * FROM `matakuliah``. The status bar at the bottom indicates the server is running on localhost with phpMyAdmin version 4.9.2.

## Buatlah prototype sebuah aplikasi SIA Sederhana

### Data Master Dosen

NIP

Nama

Alamat

Simpan

Reset

### Data Master Mahasiswa

NIM

Nama

Alamat

Jurusan

Simpan

Reset