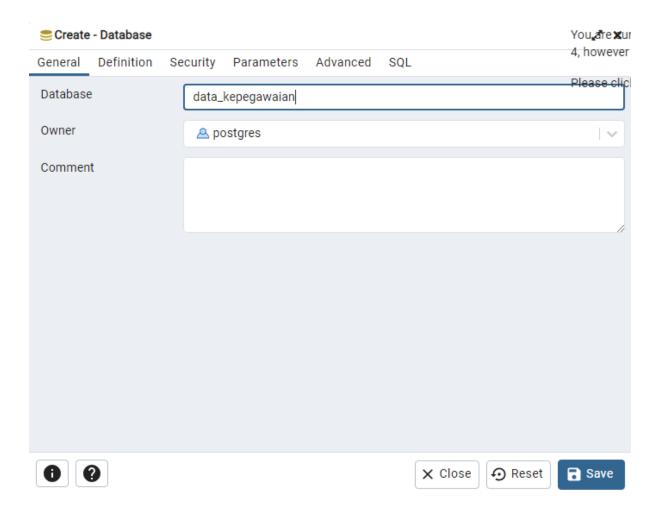
# 1. Pembuatan Database.



# 2. Pembuatan Table:

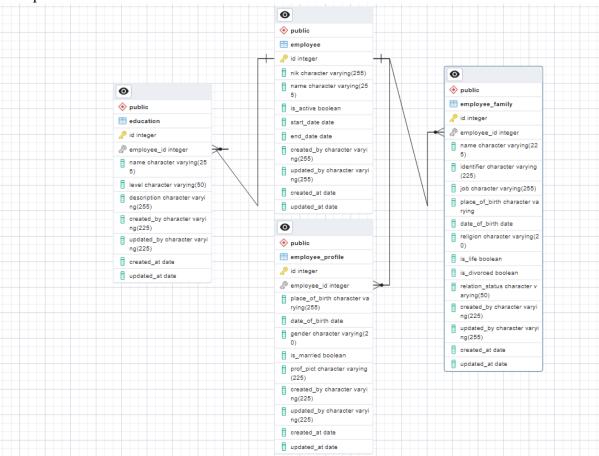
```
1
    CREATE TABLE employee (
2
        id SERIAL PRIMARY KEY,
3
        nik VARCHAR(255),
        name VARCHAR(255),
4
5
        is_active BOOLEAN,
6
        start_date DATE NOT NULL,
7
        end_date DATE NOT NULL,
8
        created_by VARCHAR(255),
9
        updated_by VARCHAR(255),
10
        created_at DATE NOT NULL DEFAULT CURRENT_DATE,
11
        updated_at DATE NOT NULL DEFAULT CURRENT_DATE
12
    );
```

```
CREATE TABLE employee_profile (
 2
        id SERIAL PRIMARY KEY,
 3
        employee_id INT NOT NULL,
 4
        place_of_birth VARCHAR(255),
 5
        date_of_birth DATE NULL,
 6
        gender VARCHAR(20) CHECK (gender IN ('Laki-laki', 'Perempuan')),
 7
        is_married BOOLEAN,
8
        prof_pict VARCHAR(225),
9
        created_by VARCHAR(225),
10
        updated_by VARCHAR(225),
11
        created_at DATE NOT NULL DEFAULT CURRENT_DATE,
12
        updated_at DATE NOT NULL DEFAULT CURRENT_DATE,
13
        CONSTRAINT fk_employee FOREIGN KEY (employee_id) REFERENCES employee (id)
14);
```

```
1 CREATE TABLE employee_family (
      id SERIAL PRIMARY KEY.
      employee_id INT NOT NULL,
4
      name VARCHAR(225),
      identifier VARCHAR(225),
6
      job VARCHAR(255),
      place_of_birth VARCHAR,
8
      date_of_birth DATE,
9
      religion VARCHAR(20) CHECK (religion IN ('Islam', 'Katolik', 'Buddha', 'Protestan', 'Konghucu
0
       is_life BOOLEAN,
      is_divorced BOOLEAN.
1
      relation_status VARCHAR(50) CHECK (relation_status IN ('Suami', 'Istri', 'Anak', 'Anak Sambun
3
      created_by VARCHAR(225),
4
      updated_by VARCHAR(255),
      created_at DATE NOT NULL DEFAULT CURRENT_DATE,
      updated_at DATE NOT NULL DEFAULT CURRENT_DATE,
      CONSTRAINT fk_employee_family FOREIGN KEY (employee_id) REFERENCES employee (id)
  );
```

```
CREATE TABLE education (
2
       id SERIAL PRIMARY KEY,
3
       employee_id INT NOT NULL,
 4
       name VARCHAR(255),
       level VARCHAR(50) CHECK (level IN ('TK', 'SD', 'SMP', 'SMA', 'Strata 1', 'Strata 2', 'Doktor'
 5
 6
       description VARCHAR(255) NOT NULL,
       created_by VARCHAR(225) NOT NULL,
 8
       updated_by VARCHAR(225) NOT NULL,
9
       created_at DATE NOT NULL DEFAULT CURRENT_DATE,
10
       updated_at DATE NOT NULL DEFAULT CURRENT_DATE,
11
        CONSTRAINT fk_employee_edu FOREIGN KEY (employee_id) REFERENCES employee (id)
12 );
```

# 3. ERD pada table setelah dibuat



### 4. Insert datas

```
INSERT INTO employee (nik, name, is_active, start_date, end_date, created_by, updated_by, created_at, updated_at)

VALUES

('12341', 'Jeka Saragih', TRUE, '2020-01-01', '2025-12-31', 'admin', 'admin', CURRENT_DATE, CURRENT_DATE),

('12342', 'Suwardi', TRUE, '2021-05-15', '2025-05-14', 'admin', 'admin', CURRENT_DATE, CURRENT_DATE),

('12343', 'Arthur Morgan', FALSE, '2019-06-10', '2025-06-09', 'admin', 'admin', CURRENT_DATE, CURRENT_DATE),

('12344', 'Khabib Nurmagomedov', TRUE, '2022-03-25', '2026-03-24', 'admin', 'admin', CURRENT_DATE, CURRENT_DATE);
```

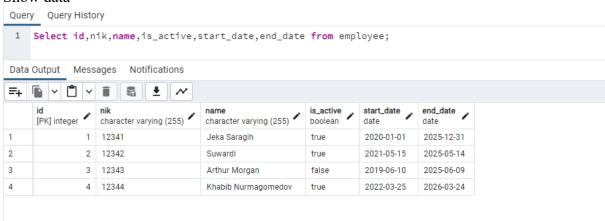
```
Query History

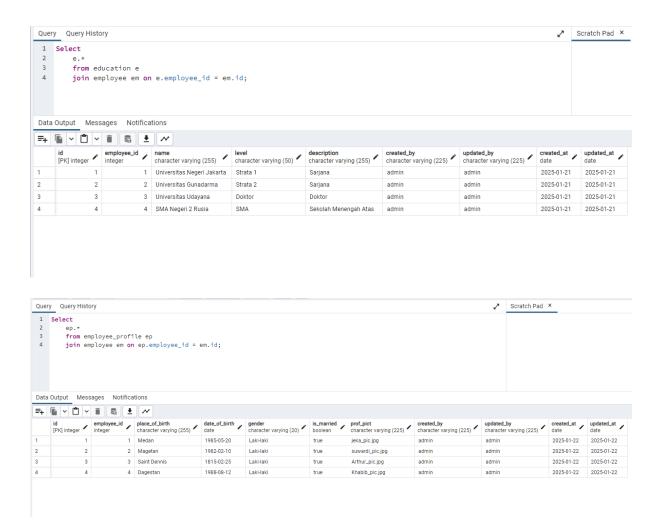
INSERT INTO employee_proffle (employee_id, place_of_birth, date_of_birth, gender, is_married, prof_pict, created_by, updated_by, created_at, updated_at)

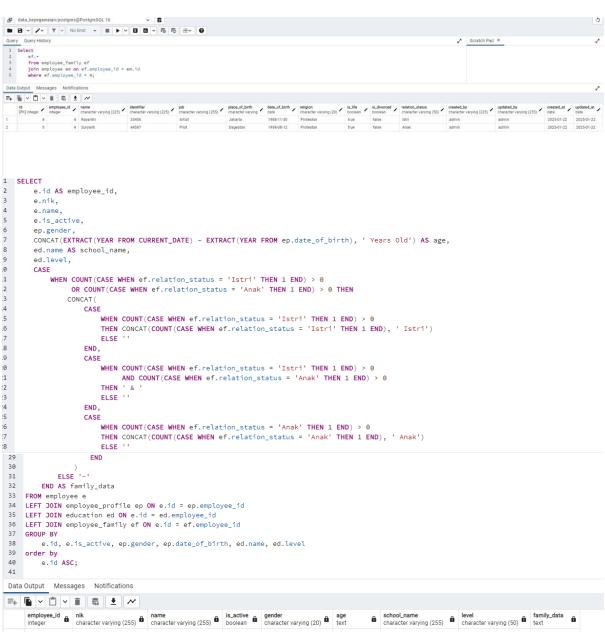
VALUES

(1, 'Medan', '1985-85-20', 'Laki-laki', TRUE, 'jeka_pic_jpg', 'admin', 'admin', CURRENT_DATE, CURRENT_DATE),
(2, 'Magetan', '1982-82-12', 'Laki-laki', TRUE, 'suwardi_pic.jpg', 'admin', 'admin', CURRENT_DATE, CURRENT_DATE),
(3, 'Saint Dennis', 'lais-80-22', 'Laki-laki', TRUE, 'without pic.jpg', 'admin', 'admin', 'admin', CURRENT_DATE,
(4, 'Dagestan', '1988-88-12', 'Laki-laki', TRUE, 'without pic.jpg', 'admin', 'admin', CURRENT_DATE,
(4, 'Dagestan', '1988-88-12', 'Laki-laki', TRUE, 'without pic.jpg', 'admin', 'admin', CURRENT_DATE,
(4, 'Dagestan', '1988-88-12', 'Laki-laki', TRUE, 'without pic.jpg', 'admin', 'admin', CURRENT_DATE,
(4, 'Dagestan', '1988-88-12', 'Laki-laki', TRUE, 'without pic.jpg', 'admin', 'admin', 'admin', 'admin', current_DATE,
(4, 'Sayanth', '458-88-12', 'Guru', 'Jakarta', '1985-85-29', 'without pic.jpg', 'admin', 'admin', 'admin', 'admin', CURRENT_DATE,
(2, 'Laura', '98785', 'PNS', '985', 'NS', 'signa', 'admin', 'admin'
```

### 5. Show data







=+									
	employee_id integer	nik character varying (255)	name character varying (255)	is_active boolean	gender character varying (20)	age text	school_name character varying (255)	level character varying (50)	family_data text
1	1	12341	Jeka Saragih	true	Laki-laki	40 Years Old	Universitas Negeri Jakarta	Strata 1	1 Istri
2	2	12342	Suwardi	true	Laki-laki	43 Years Old	Universitas Gunadarma	Strata 2	1 Istri
3	3	12343	Arthur Morgan	false	Laki-laki	210 Years Old	Universitas Udayana	Doktor	1 Istri
4	4	12344	Khabib Nurmagomedov	true	Laki-laki	37 Years Old	SMA Negeri 2 Rusia	SMA	1 Istri & 1 Anak