

# СХЕМА БАЗЫ ДАННЫХ

Данная база данных представляет собой базу данных больницы с взаимосвязанной информацией о департаментах и их сотрудниках.

```
CREATE TABLE
employees (
  id serial PRIMARY KEY,
  name VARCHAR (355) NOT NULL,
  age bigint NOT NULL,
  family_status_id serial NOT NULL,
  experience_years bigint NOT NULL,
  num_of_children bigint NOT NULL,
  vac_days bigint NOT NULL,
  FOREIGN KEY (family_status_id) REFERENCES family_status (id)
);
```

```
CREATE TABLE
family_status (
  id serial PRIMARY KEY,
  title VARCHAR (355) UNIQUE NOT NULL
);
```

```
CREATE TABLE
employees_to_position (
  id serial PRIMARY KEY,
  employee_id serial NOT NULL,
  position_id serial NOT NULL,
  FOREIGN KEY (employee_id) REFERENCES employees (id),
  FOREIGN KEY (position_id) REFERENCES position (id)
);
```

```
CREATE TABLE
position (
  id serial PRIMARY KEY,
  title VARCHAR (355) UNIQUE NOT NULL
);
```

```
CREATE TABLE
employees_to_department (
  id serial PRIMARY KEY,
  employee_id serial NOT NULL,
  department_id serial NOT NULL,
  FOREIGN KEY (employee_id) REFERENCES employees (id),
  FOREIGN KEY (department_id) REFERENCES department (id)
);
```

```
CREATE TABLE
department (
  id serial PRIMARY KEY,
  title VARCHAR (355) UNIQUE NOT NULL,
  num_of_patients bigint NOT NULL,
  expenses bigint NOT NULL,
  total_revenue bigint NOT NULL
);
```