# DIAGRAMA ERD CLINICA DENTAL

## APPOINTMENTS

# id appointments INT AUTO INCREMENTAL

patient id INT NOT NULL professional\_id INT NOT NULL

treatment id INT NOT NULL

date\_appointments DATE NOT NULL

start time appointments TIME NOT NULL

duration\_minutes\_appointments INT NOT NULL (calculo en minutos)

requires\_operating\_room\_appointments BOOLEAN DEFAULT FALSE

status\_appointments ENUM('pendiente', 'confirmada', 'cancelada', 'realizada' DEFAULT 'pendiente' cancellation\_reason\_appointments TEXT

created\_by\_appointments ENUM ('profesional') NOT NULL

created\_at\_appointments TIMESTAMP DEFAULT CURRENT\_TIMESTAMP updated\_at\_appointments TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

cancelled\_at\_appointments TIMESTAMP NULL DEFAULT NULL

#### PATIENTS

# id\_patients INT AUTO INCREMENTAL

user\_id INT NOT NULL

nif\_patients VARCHAR(20) UNIQUE NOT NULL name\_patients VARCHAR(100) NOT NULL last\_name\_patients VARCHAR(100) NOT NULL phone\_patients VARCHAR(20) NOT NULL email\_pacientes VARCHAR(50) UNIQUE is\_active\_patients BOOLEAN DEFAULT TRUE

# USERS

# id users INT AUTO INCREMENTAL

username\_users VARCHAR(50) UNIQUE NOT NULL password users (VARCHAR(10) NOT NULL rol\_users NUM ('admin', 'profesional') NOT NULL is\_active\_users BOOLEAN DEFAULT TRUE

### TREATMENTS

# id\_treatments INT AUTO INCREMENTAL

name\_treatments VARCHAR(100) NOT NULL

type\_treatments VARCHAR(50)

duration\_minutes\_treatments INT NOT NULL (en minutos)

price\_treatments DECIMAL (10,2) NOT NULL

requires operating room treatments BOOLEAN DEFAULT FALSE visible\_to\_patients\_treatments BOOLEAN DEFAULT FALSE is active treatments BOOLEAN DEFAULT TRUE

# PROFESSIONAL-AVAILABILITIES

# id availability INT AUTO INCREMENTAL

professional\_id INT NOT NULL

date\_availabilitiy DATE NOT NULL

start time availability TIME NOT NULL

end time availability TIME NOT NULL

status availability ENUM ('libre', 'reservado', 'no disponible') DEFAULT 'libre'

# PROFESSIONALS

### id professionals INT AUTO INCREMENTAL

user id INT NOT NULL

nif\_professionals VARCHAR(20) UNIQUE NOT NULL license\_number\_professionals VARCHAR(50) UNIQUE NOT NULL

name professionals VARCHAR(100) NOT NULL

last name professionals VARCHAR(100) NOT NULL

phone\_professionals VARCHAR(20) NOT NULL

email\_professionals VARCHAR(50) UNIQUE NOT NULL

assigned\_room\_professionals VARCHAR(50)

is\_active\_professionals BOOLEAN DEFAULT TRUE

# BLOCKS (quirófanos y profesionales)

# id blocks INT AUTO INCREMENTAL

professionals id INT

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type\_blocks ENUM ('profesional', 'quirofano') NOT NULL

start\_date\_blocks DATE NOT NULL

end date blocks DATE NOT NULL

start time blocks TIME NOT NULL

end\_time\_blocks TIME NOT NULL

reason\_blocks TEXT NOT NULL

created\_by\_blocks ENUM ('admin', 'profesional') NOT NULL

created at blocks TIMESTAMP DEFAULT CURRENT TIMESTAMP

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