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

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

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'

BLOCKS (quirófanos y profesionales)

id_blocks INT AUTO INCREMENTAL
professionals_id INT
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

Text