admins

- admin_id SERIAL PRIMARY KEY
- superAdmin BOOLEAN NOT NULL
- username VARCHAR(255) UNIQUE NOT NULL
- email VARCHAR(255) UNIQUE NOT NULL
- password VARCHAR(255) NOT NULL
- vet_id INT REFERENCES veterinarians(vet_id) NULL
- created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
- updated_at TIMESTAMP NULL

cases

- cases_id SERIAL PRIMARY KEY
- diagnosis TEXT NOT NULL,
- treatment_plan TEXT
- prescription JSONB
- status VARCHAR(50) NOT NULL CHECK (STATUS IN ('ongoing', 'completed', 'incomplete'))
- start_date DATE NOT NULL
- end_date DATE
- notes TEXT
- vet_id INT REFERENCES veterinarians(vet_id)
- pet_id INT REFERENCES pets(pet_id)
- created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
- updated_at TIMESTAMP NULL

medicines

- medicine_id SERIAL PRIMARY KEY
- name VARCHAR(255) NOT NULL
- pronounciation VARCHAR(255) NOT NULL
- type VARCHAR(255) NOT NULL
- "Uses/Indications" VARCHAR(MAX)
- "Pharmacology/Actions" VARCHAR(MAX)
- "Pharmacokinetics" VARCHAR(MAX)
- "Contraindications/Precautions/Warnings" VARCHAR(MAX)
- "Adverse Effects" VARCHAR(MAX)
- "Reproductive/Nursing Safety" VARCHAR(MAX)
- "Overdosage/Acute Toxicity" VARCHAR(MAX)
- created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
- updated_at TIMESTAMP NULL

veterinarians

- vet_id SERIAL PRIMARY KEY
- full_name VARCHAR(255) NOT NULL
- phone_number VARCHAR(20)
- vet_photo VARCHAR(255) NOT NULL
- user_id INT REFERENCES users(user_id) NULL
- created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
- updated_at TIMESTAMP NULL

sessions

- session_id SERIAL PRIMARY KEY
- user_id INT REFERENCES users(user_id) ON DELETE CASCADE
- admin_id INT REFERENCES admins(admin_id) ON DELETE CASCADE
- session_token_id UNIQUE NOT NULL
- data JSONB
- created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
- updated_at TIMESTAMP NULL
- CHECK (
- (user_id IS NOT NULL AND admin_user_id IS NULL) OR

pets

- pet_id SERIAL PRIMARY KEY
- name VARCHAR(255) NOT NULL
- breed VARCHAR(255) NOT NULL
- type VARCHAR(255) NOT NULL
- weight DECIMAL (5, 2)
- pet_photo VARCHAR(255) NULL
- medical_history VARCHAR(255) NULL
- owner_id INT REFERENCES pet_owners(owner_id)
- created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
- updated_at TIMESTAMP NULL

appointments

- appointment_id SERIAL PRIMARY KEY
- appointment_data TIMESTAMP NOT NULL
- description TEXT NOT NULL
- rating INT CHECK (rating BETWEEN 1 AND 5)
- appointment_medicines JSONB NULL
- owner_id INT REFERENCES pet_owners(owner_id)
- pet_id INT REFERENCES pets(pet_id)
- vet_id INT REFERENCES veterinarians(vet_id)
- created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
- updated_at TIMESTAMP NULL

users

- user_id SERIAL PRIMARY KEY
- username VARCHAR(255) UNIQUE NOT NULL
- email VARCHAR(255) UNIQUE NOT NULL
- password VARCHAR(255) NOT NULL
- created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
- updated_at TIMESTAMP NULL

pet_owners

- owner_id SERIAL PRIMARY KEY
- full_name VARCHAR(255) NOT NULL
- email VARCHAR(255) UNIQUE NOT NULL
- phone_number VARCHAR(20)
- owner_photo VARCHAR(255) NULL
- user_id INT REFERENCES users(user_id) NULL
- created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
- updated_at TIMESTAMP NULL