

Tables (12)

Name	Type	Schema
AuditLogs		CREATE TABLE AuditLogs (log_id INTEGER PRIMARY KEY, user_id INTEGER, action TEXT NOT NULL, table_name TEXT, timestamp TEXT NOT NULL DEFAULT (datetime('now')), details TEXT, FOREIGN KEY (user_id) REFERENCES Users(user_id))
log_id	INTEGER	"log_id" INTEGER
user_id	INTEGER	"user_id" INTEGER
action	TEXT	"action" TEXT NOT NULL
table_name	TEXT	"table_name" TEXT
timestamp	TEXT	"timestamp" TEXT NOT NULL DEFAULT (datetime('now'))
details	TEXT	"details" TEXT
Doctors		CREATE TABLE Doctors (doctor_id INTEGER PRIMARY KEY, first_name TEXT NOT NULL, last_name TEXT NOT NULL, specialty TEXT NOT NULL, phone TEXT, email TEXT UNIQUE, -- Logical Link to Users active INTEGER NOT NULL DEFAULT 1)
doctor_id	INTEGER	"doctor_id" INTEGER
first_name	TEXT	"first_name" TEXT NOT NULL
last_name	TEXT	"last_name" TEXT NOT NULL
specialty	TEXT	"specialty" TEXT NOT NULL
phone	TEXT	"phone" TEXT
email	TEXT	"email" TEXT UNIQUE
active	INTEGER	"active" INTEGER NOT NULL DEFAULT 1
LabResults		CREATE TABLE LabResults (lab_result_id INTEGER PRIMARY KEY, patient_id INTEGER NOT NULL, lab_tech_id INTEGER NOT NULL, test_name TEXT NOT NULL, result_value TEXT NOT NULL, unit TEXT, test_date TEXT NOT NULL, created_at TEXT NOT NULL DEFAULT (datetime('now')), last_modified_by INTEGER, FOREIGN KEY (patient_id) REFERENCES Patients(patient_id), FOREIGN KEY (lab_tech_id) REFERENCES LabTechnicians(lab_tech_id))
lab_result_id	INTEGER	"lab_result_id" INTEGER
patient_id	INTEGER	"patient_id" INTEGER NOT NULL
lab_tech_id	INTEGER	"lab_tech_id" INTEGER NOT NULL
test_name	TEXT	"test_name" TEXT NOT NULL
result_value	TEXT	"result_value" TEXT NOT NULL
unit	TEXT	"unit" TEXT
test_date	TEXT	"test_date" TEXT NOT NULL
created_at	TEXT	"created_at" TEXT NOT NULL DEFAULT (datetime('now'))
last_modified_by	INTEGER	"last_modified_by" INTEGER
LabTechnicians		CREATE TABLE LabTechnicians (lab_tech_id INTEGER PRIMARY KEY, first_name TEXT NOT NULL, last_name TEXT NOT NULL, phone TEXT, email TEXT UNIQUE)
lab_tech_id	INTEGER	"lab_tech_id" INTEGER
first_name	TEXT	"first_name" TEXT NOT NULL
last_name	TEXT	"last_name" TEXT NOT NULL
phone	TEXT	"phone" TEXT
email	TEXT	"email" TEXT UNIQUE
Nurses		CREATE TABLE Nurses (nurse_id INTEGER PRIMARY KEY, first_name TEXT NOT NULL, last_name TEXT NOT NULL, department TEXT NOT NULL, phone TEXT, email TEXT UNIQUE, -- Logical Link to Users active INTEGER NOT NULL DEFAULT 1)
nurse_id	INTEGER	"nurse_id" INTEGER
first_name	TEXT	"first_name" TEXT NOT NULL

Name	Type	Schema
last_name	TEXT	"last_name" TEXT NOT NULL
department	TEXT	"department" TEXT NOT NULL
phone	TEXT	"phone" TEXT
email	TEXT	"email" TEXT UNIQUE
active	INTEGER	"active" INTEGER NOT NULL DEFAULT 1
Patients		CREATE TABLE Patients (patient_id INTEGER PRIMARY KEY, first_name TEXT NOT NULL, last_name TEXT NOT NULL, dob TEXT NOT NULL CHECK (date(dob) IS NOT NULL), gender TEXT CHECK (gender IN ('M','F','O')), -- SSN Format Check: ###-##-#### ssn TEXT UNIQUE CHECK (ssn GLOB '[0-9][0-9][0-9]-[0-9][0-9]-[0-9][0-9][0-9][0-9]'), -- Phone Format Check: ### ### ### phone TEXT CHECK (phone GLOB '[0-9][0-9][0-9] [0-9][0-9][0-9] [0-9][0-9][0-9][0-9]'), email TEXT NOT NULL CHECK (email LIKE '%@%.%'), address TEXT, created_at TEXT NOT NULL DEFAULT (datetime('now')), updated_at TEXT, last_modified_by INTEGER)
patient_id	INTEGER	"patient_id" INTEGER
first_name	TEXT	"first_name" TEXT NOT NULL
last_name	TEXT	"last_name" TEXT NOT NULL
dob	TEXT	"dob" TEXT NOT NULL CHECK(date("dob") IS NOT NULL)
gender	TEXT	"gender" TEXT CHECK("gender" IN ('M', 'F', 'O'))
ssn	TEXT	"ssn" TEXT CHECK("ssn" GLOB '[0-9][0-9][0-9]-[0-9][0-9][0-9][0-9]') UNIQUE
phone	TEXT	"phone" TEXT CHECK("phone" GLOB '[0-9][0-9][0-9] [0-9][0-9][0-9] [0-9][0-9][0-9][0-9]')
email	TEXT	"email" TEXT NOT NULL CHECK("email" LIKE '%@%.%')
address	TEXT	"address" TEXT
created_at	TEXT	"created_at" TEXT NOT NULL DEFAULT (datetime('now'))
updated_at	TEXT	"updated_at" TEXT
last_modified_by	INTEGER	"last_modified_by" INTEGER
Pharmacists		CREATE TABLE Pharmacists (pharmacist_id INTEGER PRIMARY KEY, first_name TEXT NOT NULL, last_name TEXT NOT NULL, phone TEXT, email TEXT UNIQUE)
pharmacist_id	INTEGER	"pharmacist_id" INTEGER
first_name	TEXT	"first_name" TEXT NOT NULL
last_name	TEXT	"last_name" TEXT NOT NULL
phone	TEXT	"phone" TEXT
email	TEXT	"email" TEXT UNIQUE
Prescriptions		CREATE TABLE Prescriptions (prescription_id INTEGER PRIMARY KEY, patient_id INTEGER NOT NULL, doctor_id INTEGER NOT NULL, pharmacist_id INTEGER, medication TEXT NOT NULL, dosage TEXT NOT NULL, start_date TEXT NOT NULL, end_date TEXT, created_at TEXT NOT NULL DEFAULT (datetime('now')), dispensed_at TEXT, last_modified_by INTEGER, FOREIGN KEY (patient_id) REFERENCES Patients(patient_id), FOREIGN KEY (doctor_id) REFERENCES Doctors(doctor_id), FOREIGN KEY (pharmacist_id) REFERENCES Pharmacists(pharmacist_id))
prescription_id	INTEGER	"prescription_id" INTEGER
patient_id	INTEGER	"patient_id" INTEGER NOT NULL
doctor_id	INTEGER	"doctor_id" INTEGER NOT NULL
pharmacist_id	INTEGER	"pharmacist_id" INTEGER
medication	TEXT	"medication" TEXT NOT NULL
dosage	TEXT	"dosage" TEXT NOT NULL
start_date	TEXT	"start_date" TEXT NOT NULL
end_date	TEXT	"end_date" TEXT

Name	Type	Schema
created_at	TEXT	"created_at" TEXT NOT NULL DEFAULT (datetime('now'))
dispensed_at	TEXT	"dispensed_at" TEXT
last_modified_by	INTEGER	"last_modified_by" INTEGER
Roles		CREATE TABLE Roles (role_id INTEGER PRIMARY KEY, name TEXT NOT NULL UNIQUE, description TEXT)
role_id	INTEGER	"role_id" INTEGER
name	TEXT	"name" TEXT NOT NULL UNIQUE
description	TEXT	"description" TEXT
Treatments		CREATE TABLE Treatments (treatment_id INTEGER PRIMARY KEY, patient_id INTEGER NOT NULL, doctor_id INTEGER NOT NULL, description TEXT NOT NULL, -- Sensitive Data start_date TEXT NOT NULL, end_date TEXT, status TEXT NOT NULL CHECK (status IN ('PLANNED','ONGOING','COMPLETED','CANCELLED')), created_at TEXT NOT NULL DEFAULT (datetime('now')), updated_at TEXT, last_modified_by INTEGER, FOREIGN KEY (patient_id) REFERENCES Patients(patient_id), FOREIGN KEY (doctor_id) REFERENCES Doctors(doctor_id))
treatment_id	INTEGER	"treatment_id" INTEGER
patient_id	INTEGER	"patient_id" INTEGER NOT NULL
doctor_id	INTEGER	"doctor_id" INTEGER NOT NULL
description	TEXT	"description" TEXT NOT NULL
start_date	TEXT	"start_date" TEXT NOT NULL
end_date	TEXT	"end_date" TEXT
status	TEXT	"status" TEXT NOT NULL CHECK("status" IN ('PLANNED', 'ONGOING', 'COMPLETED', 'CANCELLED'))
created_at	TEXT	"created_at" TEXT NOT NULL DEFAULT (datetime('now'))
updated_at	TEXT	"updated_at" TEXT
last_modified_by	INTEGER	"last_modified_by" INTEGER
UserRoles		CREATE TABLE UserRoles (user_id INTEGER NOT NULL, role_id INTEGER NOT NULL, PRIMARY KEY (user_id, role_id), FOREIGN KEY (user_id) REFERENCES Users(user_id) ON DELETE CASCADE, FOREIGN KEY (role_id) REFERENCES Roles(role_id) ON DELETE CASCADE)
user_id	INTEGER	"user_id" INTEGER NOT NULL
role_id	INTEGER	"role_id" INTEGER NOT NULL
Users		CREATE TABLE Users (user_id INTEGER PRIMARY KEY, username TEXT NOT NULL UNIQUE, -- The Minecraft/System Token password_hash TEXT NOT NULL, -- SHA-256 Hash salt TEXT, full_name TEXT NOT NULL, email TEXT UNIQUE, -- Logical Link to Staff Tables is_active INTEGER NOT NULL DEFAULT 1, created_at TEXT NOT NULL DEFAULT (datetime('now')), last_login_at TEXT)
user_id	INTEGER	"user_id" INTEGER
username	TEXT	"username" TEXT NOT NULL UNIQUE
password_hash	TEXT	"password_hash" TEXT NOT NULL
salt	TEXT	"salt" TEXT
full_name	TEXT	"full_name" TEXT NOT NULL
email	TEXT	"email" TEXT UNIQUE
is_active	INTEGER	"is_active" INTEGER NOT NULL DEFAULT 1
created_at	TEXT	"created_at" TEXT NOT NULL DEFAULT (datetime('now'))
last_login_at	TEXT	"last_login_at" TEXT

Indices (0)

Name	Type	Schema
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Views (0)

Name	Type	Schema
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Triggers (0)

Name	Type	Schema
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