COVID-19 Vaccine Scheduling App

Caregivers

~ CaregiverId int PK

~ CaregiverName varchar(50)

CaregiverSchedule

~ CaregiverSlotSchedulingId int PK

~ CaregiverId int FK

~ WorkDay date

~ SlotTime time

~ SlotHour int

~ SlotMinute int

~ SlotStatus int FK

~ VaccineAppointmentId int FK

AppointmentStatusCode

~ StatusCodeId int PK

~ StatusCode varchar(30)

Vaccines

~ VaccineId int PK

~ VaccineBrand varchar(50)

~ DosesOnHand int

~ DosesReserved int

~ DoseVolume int

~ DoseSeries int

~ IntervalBetweenDoses int

~ VaccineMinAge int

VaccineAppointment

~ VaccineAppointmentId int PK

~ VaccineId int FK

~ PatientId int FK

~ DoseNumber int

Patients

~ PatientId int PK

~ PatientName varchar(50)

~ PatientBirthdate int

~ PatientEmail varchar(254)

~ PatientPhone varchar(10)

Caregivers 1 — 0..* CaregiverSchedule

AppointmentStatusCode 1 — 0..* (SlotStatus)

1 — 1 (VaccineAppointmentId)

Vaccines 1 — 0..* VaccineAppointment

VaccineAppointment 1

Patients 1 — 0..* VaccineAppointment