

Users			
PK	UserId	int	
	Email	varchar	
	Password	varchar	
	UserRole	text	

LabTestProfile			
PK	TestId	int	
	TestName	text	
	Description	text	
	Units	varchar	
	ReferenceRange	varchar	
	Category	text	

LabResults			
PK	LabId	int	
FK	MHN	int	
FK	VisitId	int	
FK	TestId	int	
	ResultValue	varchar	
	AbnormalFlag	text	
	OrderedBy	text	
	Date	int	
	Time	datetime	

MedicationProfile			
PK	Medid	int	
	MedName	varchar	
	Description	text	
	Route	varchar	

Vitals			
PK	VitalsId	int	
FK	VisitId	int	
FK	PatientId	int	
	PainLevel	int	
	Temperature	decimal(4,1)	
	BloodPressure	varchar(7)	
	DiastolicPressure	int	
	RespiratoryRate	int	
	PulseOximetry	decimal(4,1)	
	HeightInches	decimal(5,2)	
	WeightPounds	decimal(6,2)	
	BMI	decimal(5,2)	
	IntakeMilliliters	decimal(8,2)	
	OutputMilliliters	decimal(8,2)	

Visits			
PK	VisitId	int	
FK	MHN	int	
FK	ProviderId	int	
	Date	date	
	Time	time	
	Admitted	bool	
	Notes	text	

Allergies			
PK	AllergyId	int	
	AllergyName	varchar	
	AllergyType	varchar	

PatientAllergies			
PK	PatientAllergyId	int	
FK	MHN	int	
FK	AllergyId	int	
	OnsetDate	date	

PatientInsurance			
PK	MHN	int	
FK	ProviderName	varchar	
	MemberId	int	
	PolicyNumber	int	
	GroupNumber	int	
	Priority	varchar	
	PrimaryPhysician	int	
	Active	bool	

Alerts			
PK	AlertId	int	
FK	MHN	int	
	AlertName	varchar	
	ActiveStatus	text	
	StartDate	datetime	
	EndDate	datetime	

PatientMedications			
PK	PatientMedId	int	
FK	MHN	int	
FK	Medid	int	
	Category	text	
	ActiveStatus	text	
	PrescriptionInstructions	text	
	Dosage	varchar	
	Route	text	
	PrescribedBy	int	
	DatePrescribed	int	
	EndDate	datetime	

PatientProblems			
PK	MHN	int	
FK	Priority	int	
	Description	text	
	Immediacy	varchar	
	CreatedAt	datetime	
	CreatedBy	int	
	Active	bool	

PK	MHN	int	
FK	Note	text	
FK	OccurredOn	date	
	CreatedAt	datetime	
	CreatedBy	int	
	AssociatedProvider	int	
	UpdatedAt	datetime	
	Category?	varchar	

PatientContact			
PK	MHN	int	
FK	Address	varchar	
	City	varchar	
	State	varchar	
	Zipcode	int	
	Phone	int	
	Email	varchar	
	ECFirstName	varchar	
	ECLastName	varchar	
	ECRelationship	varchar	
	ECPhone	int	

PatientDemographic			
PK	MHN	int	
	FirstName	varchar	
	MiddleName	varchar	
	LastName	varchar	
	Suffix	varchar	
	DOB	date	
	Gender	varchar	
	PreferredLanguage	varchar	
	Ethnicity	varchar	
	Race	varchar	
	Religion	varchar	
	PrimaryPhysician	int	
FK	LegalGuardian1	int	
	LegalGuardian2	varchar	

Providers			
PK	ProviderId	int	
	FirstName	varchar	
	LastName	varchar	
	Specialty	varchar	

CarePlan			
PK	CPId	int	
FK	MHN	int	
	Priority	text	
	StartDate	datetime	
	EndDate	datetime	
	ActiveStatus	text	
	Title	varchar	
	Diagnosis	varchar	

LabOrders			
PK	OrderId	int	
FK	MHN	int	
FK	TestId	int	
FK	VisitId	int	
	CompletionStatus	text	
	OrderDate	datetime	
	OrderTime	datetime	
	OrderedBy	int	

MedOrders			
PK	OrderId	int	
FK	MHN	int	
FK	VisitId	int	
FK	Medid	varchar	
	Frequency	text	
	FulfillmentStatus	text	
	OrderDate	datetime	
	OrderTime	datetime	
	OrderedBy	int	

MedAdministrationHistory			
PK	AdministrationId	int	
FK	MHN	int	
FK	Category	int	
	Medid	int	
	Status	text	
	Frequency	varchar	
	DateGiven	datetime	
	TimeGiven	datetime	
	AdministeredBy	int	

General			
PK	GenId	int	
FK	MHN	int	
	EvaluationDate	datetime	
	PainDiscomfort	text	
	Elimination	text	
	Appetite	text	
	Activity	text	
FK	ProviderId	int	

ConsciousnessAndOrientation			
PK	COId	int	
FK	MHN	int	
	EvaluationDate	datetime	
	Person	text	
	Place	text	
	Time	text	
FK	Purpose	text	
	ProviderId	int	

Cardiothoracic			
PK	CardId	int	
FK	MHN	int	
	EvaluationDate	datetime	
	EvaluationTime	datetime	
	HeartSounds	text	
	HeartRhythm	text	
	HeartRate	text	
	JugularVenousPulse	text	
FK	DrainLineSutureStaple	text	
	ProviderId	int	

HEENT_Neuro			
PK	HNId	int	
FK	MHN	int	
	EvaluationDate	datetime	
	EvaluationTime	datetime	
	Head	text	
	Vision	text	
	Hearing	text	
	Nose	text	
	ThroatMouth	text	
FK	ProviderId	int	

Skin			
PK	SkinId	int	
FK	MHN	int	
	EvaluationDate	datetime	
	EvaluationTime	datetime	
	WoundsLesions	text	
	RednessIrritation	text	
	DrynessExcessMoisture	text	
	ColorTemp	text	
	SignOfBreakdown	text	
FK	ProviderId	int	

AbdomenCoccyxGenitalia			
PK	ACCId	int	
FK	MHN	int	
	EvaluationDate	datetime	
	EvaluationTime	datetime	
	AbdominalShapeAppearance	text	
	BowelSounds	text	
	TendernessLumpsDistention	text	
	TubeDrainCath	text	
FK	SkinAppearance	text	
	ProviderId	int	

PsychMentalHealth			
PK	PsychId	int	
FK	MHN	int	
	EvaluationDate	datetime	
	EvaluationTime	datetime	
	MoodAffect	text	
	Cognition	text	
	ThoughtPattern	text	
FK	SleepPattern	text	
	ProviderId	int	

Respiratory			
PK	Respid	int	
FK	MHN	int	
	EvaluationDate	datetime	
	EvaluationTime	datetime	
	LungSounds	text	
	RespirationDepth	text	
	RespirationRate	text	
	ChestShapeAppearance	text	
FK	DrainLineSutureStaple	text	
	ProviderId	int	

Extremities			
PK	ExtId	int	
FK	MHN	int	
	EvaluationDate	datetime	
	EvaluationTime	datetime	
	ColorTempCapillaryRefill	text	
	PulseSensation	text	
	Edema	text	
	RangeOfMotion	text	
	TubeDrainSutureStapleCath	text	
FK	ProviderId	int	