Table: Nurse

Column	Description	Date	Size	Identity	Unique	Default	Check	Allow	Index
Name		Type						Nulls	
NurseID	PK; Unique NurseID Number	Smallint			Y				Y
FirstName	FirstName of the Nurse	Varchar	20						
LastName	LastName of the Nurse	Varchar	20						
Phone Number	Phone Number of the nurse	char	10						
Alternate Phone Number	Alternate Phone Number of the nurse	char	10						
Email	Email address of the Nurse	Varchar	120						
Certification	Medical specialties the Nurse is certified in	varchar	120						

Table: Ward

Column	Description	Date	Size	Identity	Unique	Default	Check	Allow	Index
Name		Type						Nulls	
WardID	PK; Unique	Smallint			Υ				Υ
	WardID								
	Number								
Name	Name of	Varchar	20						
	the ward								
Description	Description	Varchar	50						
	of the								
	ward								
Location	Location of	Varchar	50						
	the ward								
Phone	Phone	char	10						
	number of								
	the ward								

Table: Charge Nurse

Column	Description	Date	Siz	Identit	Uniqu	Defaul	Chec	Allo	Inde
Name		Туре	е	у	e	t	k	w	х
								Nulls	
ChargeNursel	PK; Unique	smallint			Υ				Υ
D	ChargeNursel								
	D Number								
NurseID	FK; Nurse ID	Smallin							
	Number	t							
WardID	FK; Ward ID	Smallin							
	Number	t							

Table: **Bed**

Column	Description	Date	Size	Identity	Unique	Default	Check	Allow	Index
Name		Type						Nulls	
BedID	PK; Unique	smallint			Υ				Υ
	BedID								
	Number								
WardID	FK; Unique	Smallint							
	WardID								
	Number								
Size	Size of the	Varchar	20						
	bed								
Туре	Type of the	Varchar	20						
	bed								

Table: Patient

Column	Description	Date	Siz	Identit	Uniqu	Defau	Chec	Allo	Inde
Name		Type	е	у	e	lt	k	W	х
								Null	
								S	
PatientID	PK; Unique	int			Υ				Υ
	PatientID								
	Number								
FirstName	FirstName of the	Varcha	20						
	patient	r							
LastName	LastName of the	Varcha	20						
	patient	r							
Gender	Gender of the	char	1						
	patient								
DateOfBirth	Date of Birth of	date							
	the patient								
Street	Street address of	varcha	10						
	the patient	r	0						

City	City address of	varcha	10			
	the patient	r	0			
State	State address of	varcha	2			
	the patient	r				
Zip Code	Zip code of the	char	5			
	address of the					
	patient					
Phone Number	Phone Number of	char	10			
	the patient					
Alternate Phone	Alternate Phone	char	10			
Number	Number of the					
	patient					
Email	Email address of	Varcha	12			
	the patient	r	0			
Admission Date	Date of	Date				
	admission of the					
	patient					
Discharge Date	Date of discharge	Date				
	of the patient					
AdmittingDoctorI	FK; Unique	Smalli				
D	AdmittingDoctorI	nt				
	D Number					
DischargingDocto	FK; Unique	Smalli				
rID	DischargingDocto	nt				
	rID Number					

Table: **Doctor**

Column	Description	Date	Size	Identity	Unique	Default	Check	Allow	Index
Name		Type						Nulls	
DoctorID	PK; Unique	Smallint			Υ				Υ
	DoctorID								
	Number								
FirstName	FirstName	Varchar	20						
	of the								
	Doctor								
LastName	LastName	Varchar	20						
	of the								
	Doctor								
Street	Street	varchar	100						
	address of								
	the doctor								
City	City	varchar	100						
	address of								
	the doctor								

State	State address of the doctor	varchar	2			
Zip Code	Zip code of the address of the doctor	char	5			
Phone Number	Phone Number of the doctor	char	10			
Alternate Phone Number	Alternate Phone Number of the doctor	char	10			
Email	Email address of the doctor	Varchar	120			
Certification	Medical specialties the doctor is certified in	varchar	120			

Table: **Treatment**

Column	Description	Date	Size	Identity	Unique	Default	Check	Allow	Index
Name		Туре						Nulls	
TreatmentID	PK; Unique	int			Υ				Υ
	TreatmentID								
	Number								
Name	Name of the	Varchar	50						
	Treatment								
Description	Description	Varchar	100						
	of the								
	treatment								
Charge	Treatment	Decimal	10,2						
	charge								
DoctorID	FK; Unique	smallint							
	DoctorID								
	Number								

Table: Patient Treatment

Column	Description	Date	Siz	Identit	Uniqu	Defau	Chec	Allo	Inde
Name		Туре	e	У	e	lt	k	w	х
								Null	
								S	
PatientTreatmen	PK; Unique	int			Υ				Υ
tID	PatientTreatmen								
	tID Number								
PatientID	FK; Unique	int							
	PatientID								
	Number								
TreatmentID	FK; Unique	Int							
	TreatmentID								
	Number								
Date and Time	Date and Time	DateTim							
	of the treatment	e							
Results	Results of the	varchar	10						
	treatment		0						

Table: Item

Column	Description	Date	Size	Identity	Unique	Default	Check	Allow	Index
Name		Type						Nulls	
ItemID	PK; Unique	int			Υ				Υ
	ItemID								
	Number								
ItemName	Name of	Varchar	50						
	the Item								
Charge	Charge of	Decimal	10,2						
	the item								

Table: Patient Item Charge

Column	Description	Dat	Siz	Identit	Uniqu	Defaul	Chec	Allo	Inde
Name		е	е	у	e	t	k	w	x
		Тур						Nulls	
		е							
PatientItemCharge	PK; Unique	int			Υ				Υ
ID	PatientItemCharge								
	ID Number								
PatientID	FK; Unique	int							
	PatientID Number								
ItemID	FK; Unique ItemID	int							
	Number								
Date	Date of charge	Dat							
		е							

Quantty	Quantity charged	int							
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Table: Nurse Patient Care

Column	Description	Date	Siz	Identit	Uniqu	Defaul	Chec	Allo	Inde
Name		Туре	e	у	e	t	k	w	х
								Nulls	
CareID	PK; Unique	int			Υ				Υ
	NursePatientCarel								
	D Number								
NurseID	FK; Unique	smallint							
	NurseID Number								
PatientID	FK; Unique	int							
	PatientID Number								
DateAndTim	Date and Time of	DateTim							
е	Interaction	е							
EventType	Type of	varchar	20						
	Interaction								