

Table: **Nurse**

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

Table: **Charge Nurse**

Column Name	Description	Date Type	Size	Identity	Unique	Default	Check	Allow Nulls	Index
ChargeNurseID	<b>PK</b> ; Unique ChargeNurseID Number	smallint			Y				Y
NurseID	<b>FK</b> ; Nurse ID Number	Smallint							
WardID	<b>FK</b> ; Ward ID Number	Smallint							

Table: **Bed**

Column Name	Description	Date Type	Size	Identity	Unique	Default	Check	Allow Nulls	Index
BedID	<b>PK</b> ; Unique BedID Number	smallint			Y				Y
WardID	<b>FK</b> ; Unique WardID Number	Smallint							
Size	Size of the bed	Varchar	20						
Type	Type of the bed	Varchar	20						

Table: **Patient**

Column Name	Description	Date Type	Size	Identity	Unique	Default	Check	Allow Nulls	Index
PatientID	<b>PK</b> ; Unique PatientID Number	int			Y				Y
FirstName	FirstName of the patient	Varchar	20						
LastName	LastName of the patient	Varchar	20						
Gender	Gender of the patient	char	1						
DateOfBirth	Date of Birth of the patient	date							
Street	Street address of the patient	varchar	100						

City	City address of the patient	varchar	100						
State	State address of the patient	varchar	2						
Zip Code	Zip code of the address of the patient	char	5						
Phone Number	Phone Number of the patient	char	10						
Alternate Phone Number	Alternate Phone Number of the patient	char	10						
Email	Email address of the patient	Varchar	120						
Admission Date	Date of admission of the patient	Date							
Discharge Date	Date of discharge of the patient	Date							
AdmittingDoctorID	<b>FK</b> ; Unique AdmittingDoctorID Number	Smallint							
DischargingDoctorID	<b>FK</b> ; Unique DischargingDoctorID Number	Smallint							

Table: **Doctor**

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

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 Name	Description	Date Type	Size	Identity	Unique	Default	Check	Allow Nulls	Index
TreatmentID	<b>PK</b> ; Unique TreatmentID Number	int			Y				Y
Name	Name of the Treatment	Varchar	50						
Description	Description of the treatment	Varchar	100						
Charge	Treatment charge	Decimal	10,2						
DoctorID	<b>FK</b> ; Unique DoctorID Number	smallint							

Table: **Patient Treatment**

Column Name	Description	Date Type	Size	Identity	Unique	Default	Check	Allow Nulls	Index
PatientTreatmentID	<b>PK</b> ; Unique PatientTreatmentID Number	int			Y				Y
PatientID	<b>FK</b> ; Unique PatientID Number	int							
TreatmentID	<b>FK</b> ; Unique TreatmentID Number	Int							
Date and Time	Date and Time of the treatment	DateTime							
Results	Results of the treatment	varchar	100						

Table: **Item**

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

Table: **Patient Item Charge**

Column Name	Description	Date Type	Size	Identity	Unique	Default	Check	Allow Nulls	Index
PatientItemChargeID	<b>PK</b> ; Unique PatientItemChargeID Number	int			Y				Y
PatientID	<b>FK</b> ; Unique PatientID Number	int							
ItemID	<b>FK</b> ; Unique ItemID Number	int							
Date	Date of charge	Date							

Quantty	Quantity charged	int							
---------	------------------	-----	--	--	--	--	--	--	--

Table: **Nurse Patient Care**

Column Name	Description	Date Type	Size	Identity	Unique	Default	Check	Allow Nulls	Index
CareID	<b>PK</b> ; Unique NursePatientCareID Number	int			Y				Y
NurseID	<b>FK</b> ; Unique NurseID Number	smallint							
PatientID	<b>FK</b> ; Unique PatientID Number	int							
DateAndTime	Date and Time of Interaction	DateTime							
EventType	Type of Interaction	varchar	20						