

Database cs4750pnl8zp

Table structure for table Administrator

Column	Type	Null	Default	Comments
EmployeeID	int(16)	No		Primary key, foreign key
LastLogin	timestamp	Yes	CURRENT_TIMESTAMP	

Table structure for table Appointment

Column	Type	Null	Default	Comments
AppointmentID	int(11)	No		Primary key, auto_increment
DoctorID	int(11)	No		Foreign key
PatientID	int(11)	No		Foreign key
Date	datetime	No		

Table structure for table Department

Column	Type	Null	Default	Comments
DepartmentName	varchar(30)	No		Primary key

Table structure for table Doctor

Column	Type	Null	Default	Comments
EmployeeID	int(16)	No		Primary key, foreign key
Specialty	varchar(50)	No		
LicenseNumber	int(16)	No		Unique
OnCall	tinyint(1)	No		

Table structure for table Employee

Column	Type	Null	Default	Comments
EmployeeID	int(16)	No		Primary key, auto_increment
UserID	int(11)	No		Foreign key
FirstName	varchar(30)	No		
LastName	varchar(30)	No		
DateOfBirth	date	No		
Email	varchar(30)	No		Unique
PhoneNumber	tinytext	No		
StreetNum	smallint(6)	No		
StreetName	varchar(30)	No		
City	varchar(30)	No		
State	varchar(2)	No		
Zip	int(5)	No		

Table structure for table Medication

Column	Type	Null	Default	Comments
DrugName	varchar(30)	No		Primary key
FDANumber	int(11)	No		

Table structure for table Nurse

Column	Type	Null	Default	Comments
EmployeeID	int(16)	No		Primary key, foreign key
LicenseNo	int(11)	No		Unique
Department	varchar(30)	No		

Table structure for table Occupies

Column	Type	Null	Default	Comments
OccupationNum	int(11)	No		Primary key, auto_increment
RoomNumber	int(11)	No		Foreign key
PatientID	int(16)	No		Foreign key

Table structure for table Patient

Column	Type	Null	Default	Comments
PatientID	int(16)	No		Primary key, auto_increment
UserID	int(11)	No		Foreign key
FirstName	varchar(20)	No		
LastName	varchar(20)	No		
DateOfBirth	date	No		
SSN	int(9)	No		Unique
PhoneNumber	tinytext	No		
StreetNum	smallint(6)	No		
StreetName	varchar(30)	No		
City	varchar(30)	No		
State	varchar(2)	No		
Zip	int(5)	No		
IsLiving	tinyint(1)	No		

Triggers Patient

Name	Time	Event	Definition
DeleteUserUponDeath	AFTER	UPDATE	DELETE FROM User WHERE UserID = (SELECT UserID FROM Patient WHERE (IsLiving = 0))

Table structure for table Pharmacist

Column	Type	Null	Default	Comments
EmployeeID	int(16)	No		Primary key, foreign key
LicenseNumber	int(16)	No		

Table structure for table Receptionist

Column	Type	Null	Default	Comments
EmployeeID	int(16)	No		Primary key, foreign key
Department	varchar(30)	No		Foreign key

Table structure for table Record

Column	Type	Null	Default	Comments
RecordID	int(16)	No		Primary key, auto_increment
PatientID	int(11)	No		Foreign key
VisitDate	date	No		
Height	smallint(6)	No		
Weight	smallint(6)	No		
BloodPressure	varchar(7)	No		

Table structure for table Room

Column	Type	Null	Default	Comments
RoomNumber	int(5)	No		Primary key

Table structure for table User

Column	Type	Null	Default	Comments
Username	varchar(15)	No		Unique
UserID	int(11)	No		Primary key, auto_increment
Password	varchar(15)	No	password	
AccountCreationDate	timestamp	No	CURRENT_TIMESTAMP	

Structure for view See specialties on call

Column	Type	Null	Default	Comments
OnCall	varchar(50)	No		