

**1) Create table Hospital (**  
**Name varchar2(50) not null,**  
**Location varchar2(150) not null,**  
**Hospital\_ID int not null,**  
**PRIMARY KEY (Hospital\_ID)**  
**);**

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**2) Create table Department (**  
**Department\_ID int not null,**  
**Type varchar2(50) not null,**  
**Manager varchar2(50) not null,**  
**Hospital\_ID int not null,**  
**PRIMARY KEY (Department\_ID),**  
**FOREIGN KEY (Hospital\_ID) REFERENCES Hospital(Hospital\_ID)**  
**);**

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**3) Create table Room (**  
**Status varchar2(150) not null,**  
**Type varchar2(50) not null,**  
**Room\_ID int not null,**  
**NO\_of\_Beds int not null,**  
**Department\_ID int not null,**  
**PRIMARY KEY (Room\_ID),**  
**FOREIGN KEY (Department\_ID) REFERENCES Department(Department\_ID));**

**4) Create table Doctor (**

**Doctor\_ID int not null,  
First\_Name varchar2(20) not null,  
Last\_Name varchar2(20) not null,  
Phone\_Number int not null,  
Address varchar2(150) null,  
Speciality varchar2(50) not null,  
Age int not null,  
Salary FLOAT not null,  
Email varchar2(70) not null,  
Department\_ID int not null,  
PRIMARY KEY (Doctor\_ID),  
FOREIGN KEY (Department\_ID) REFERENCES Department(Department\_ID) );**

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**5) Create table Nurse (**

**Nurse\_ID int not null,  
First\_Name varchar2(20) not null,  
Last\_Name varchar2(20) not null,  
Phone\_Number int not null,  
Address varchar2(150) not null,  
Age int not null,  
Salary FLOAT not null,  
Email varchar2(70) not null,  
PRIMARY KEY (Nurse\_ID) );**

**6) Create table InPatient (**  
**inPatient\_ID int not null,**  
**First\_Name varchar2(20) not null,**  
**Last\_Name varchar2(20) not null,**  
**Status varchar2(150) not null,**  
**Age int not null,**  
**Address varchar2(150) not null,**  
**Hospital\_ID int not null,**  
**Room\_ID int not null,**  
**PRIMARY KEY (inPatient\_ID),**  
**FOREIGN KEY (Hospital\_ID) REFERENCES Hospital(Hospital\_ID),**  
**FOREIGN KEY (Room\_ID) REFERENCES Room(Room\_ID) );**

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**7) Create table OutPatient (**  
**outPatient\_ID int not null,**  
**First\_Name varchar2(20) not null,**  
**Last\_Name varchar2(20) not null,**  
**Age int not null,**  
**Gender varchar2(6) not null,**  
**Address varchar2(150) not null,**  
**Status varchar2(60) not null,**  
**C\_Date date not null,**  
**Doctor\_ID int not null,**  
**Hospital\_ID int not null,**  
**PRIMARY KEY (outPatient\_ID),**  
**FOREIGN KEY (Doctor\_ID) REFERENCES Doctor(Doctor\_ID),**  
**FOREIGN KEY (Hospital\_ID) REFERENCES Hospital(Hospital\_ID)**  
**);**

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**8) Create table Medicine (**  
**Drug\_Imprint varchar2(50) not null,**  
**Type varchar2(50) not null,**  
**Name varchar2(50) not null,**  
**Description varchar2(150) not null,**  
**PRIMARY KEY (Drug\_Imprint)**  
**);**

**9) Create table bill (**

**Bill\_NO int not null,**

**Days\_Of\_Stay int not null,**

**Hospital\_charge FLOAT not null,**

**Medicine\_charge FLOAT not null,**

**inPatient\_ID int ,**

**outPatient\_ID int ,**

**PRIMARY KEY (Bill\_NO),**

**FOREIGN KEY (inPatient\_ID) REFERENCES InPatient(inPatient\_ID),**

**FOREIGN KEY (outPatient\_ID) REFERENCES OutPatient(outPatient\_ID)**

**);**

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**10) Create table Work (**

**Doctor\_ID int not null,**

**Nurse\_ID int not null,**

**FOREIGN KEY (Doctor\_ID) REFERENCES Doctor(Doctor\_ID),**

**FOREIGN KEY (Nurse\_ID) REFERENCES Nurse(Nurse\_ID));**

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**11) Create table Traetment (**

**Doctor\_ID int not null,**

**inPatient\_ID int not null,**

**FOREIGN KEY (Doctor\_ID) REFERENCES Doctor(Doctor\_ID),**

**FOREIGN KEY (inPatient\_ID) REFERENCES InPatient(inPatient\_ID)**

**);**

**12) Create table Serve\_in (**  
**Nurse\_ID int not null,**  
**inPatient\_ID int not null,**  
**FOREIGN KEY (Nurse\_ID) REFERENCES Nurse(Nurse\_ID),**  
**FOREIGN KEY (inPatient\_ID) REFERENCES InPatient(inPatient\_ID));**

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**13) Create table Serve\_out (**  
**outPatient\_ID int not null,**  
**Nurse\_ID int not null,**  
**FOREIGN KEY (outPatient\_ID) REFERENCES OutPatient(outPatient\_ID),**  
**FOREIGN KEY (Nurse\_ID) REFERENCES Nurse(Nurse\_ID));**

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**14) Create table medicine\_Inpatient (**  
**Drug\_Imprint varchar2(50) not null,**  
**inPatient\_ID int not null,**  
**FOREIGN KEY (Drug\_Imprint) REFERENCES Medicine(Drug\_Imprint),**  
**FOREIGN KEY (inPatient\_ID) REFERENCES InPatient(inPatient\_ID));**

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**15) Create table medicine\_outpatient (**  
**Drug\_Imprint varchar2(50) not null,**  
**outPatient\_ID int not null,**  
**FOREIGN KEY (Drug\_Imprint) REFERENCES Medicine(Drug\_Imprint),**  
**FOREIGN KEY (outPatient\_ID) REFERENCES OutPatient(outPatient\_ID)**  
**);**