

```
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)

);