

create table STAFF

(ID int, dob date NOT NULL, address varchar(50) NOT NULL, phone varchar(10), email varchar(25), first  
varchar(15) NOT NULL, last varchar(15) NOT NULL, position varchar(15), salary float,  
primary key (ID) );

create table PATIENT

(ID int, dob date NOT NULL, address varchar(50) NOT NULL, phone varchar(10), email varchar(25), first  
varchar(15) NOT NULL, last varchar(15) NOT NULL, hcn int NOT NULL ,  
primary key (ID) );

create table SERVICE

(ID int, name varchar(30) NOT NULL, cost float,  
primary key (ID) );

create table APPOINTMENT

(pID int, date date NOT NULL, time time NOT NULL,  
primary key (pID, date, time),  
foreign key (pID) references PATIENT (ID)  
on delete cascade on update cascade);

create table ASSIGNED

(sID int, pID int NOT NULL, date date NOT NULL, time time NOT NULL,  
primary key (sID, pID, date, time),  
foreign key (sID) references STAFF (ID)  
on delete cascade on update cascade,  
foreign key (pID, date, time) references APPOINTMENT (pID, date, time)  
on delete cascade on update cascade  
);

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create table INCLUDES
(serID int, pID int NOT NULL, date date NOT NULL, time time NOT NULL,
primary key (serID, pID, date, time),
foreign key (serID) references SERVICE (ID)
on delete cascade on update cascade,
foreign key (pID, date, time) references APPOINTMENT (pID, date, time)
on delete cascade on update cascade
);
```