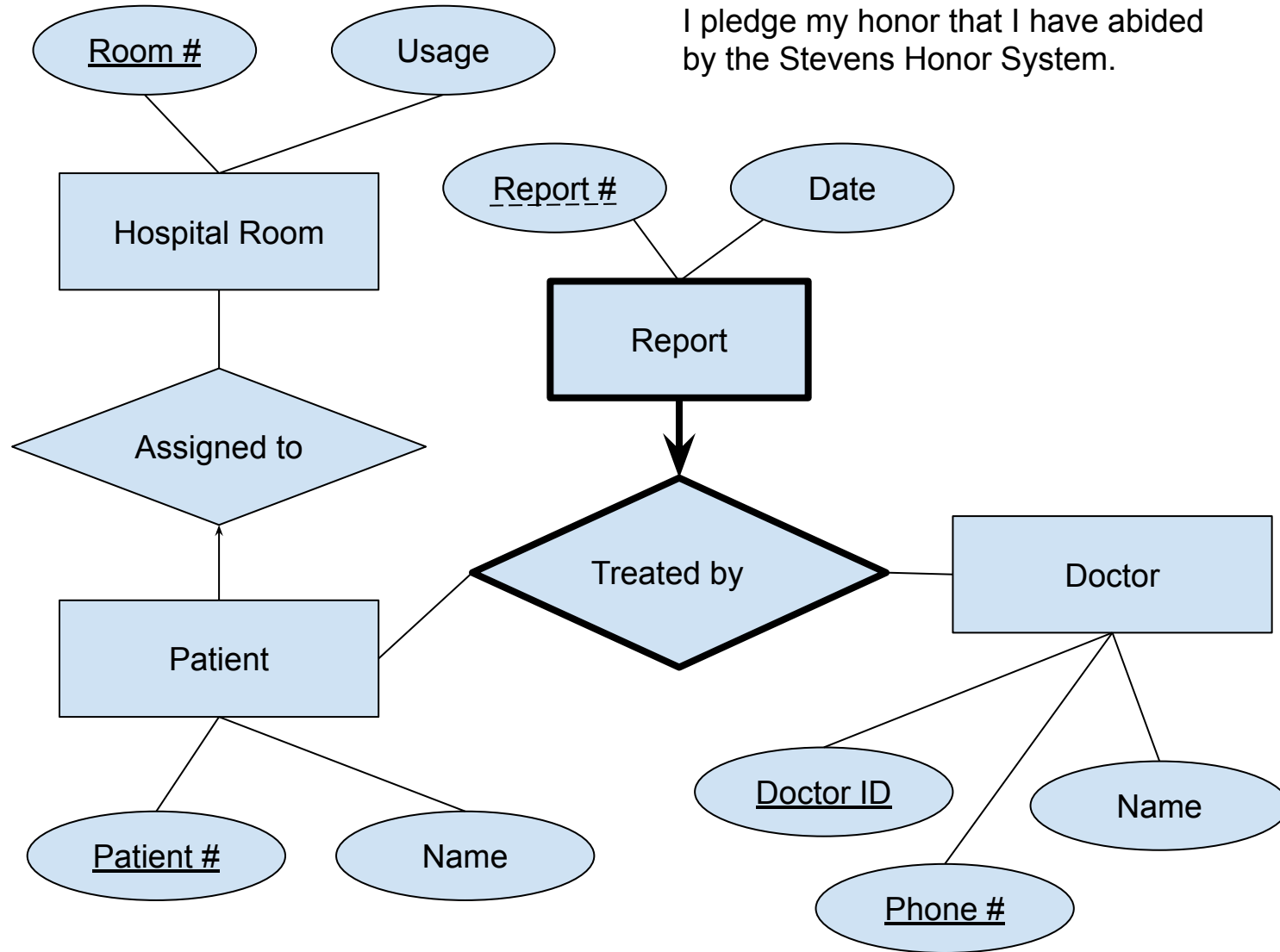


Max Shi  
I pledge my honor that I have abided  
by the Stevens Honor System.



SQL:

```
CREATE TABLE Hospital_Room
(room_no INTEGER,
usage CHAR(40),
PRIMARY KEY (room_no));
CREATE TABLE Patient
(patient_no INTEGER,
name CHAR(40),
PRIMARY KEY (patient_no));
CREATE TABLE Doctor
(doctor_id INTEGER,
name CHAR(20),
phone_no CHAR(10),
PRIMARY KEY (doctor_id, phone_no));
CREATE TABLE Report
(report_no INTEGER,
date CHAR(10),
patient_no INTEGER,
doctor_id INTEGER,
doc_phone INTEGER,
PRIMARY KEY (report_no, doctor_id, doc_phone,
patient_no),
FOREIGN KEY (report_no) REFERENCES Report,
FOREIGN KEY (patient_no) REFERENCES Patient,
FOREIGN KEY (doctor_id) REFERENCES Doctor,
FOREIGN KEY (doc_phone) REFERENCES
Doctor.phone_no);
CREATE TABLE Room_Assignment
(room_no INTEGER,
patient_no INTEGER,
PRIMARY KEY (patient_no),
FOREIGN KEY (room_no) REFERENCES Hospital_Room
FOREIGN KEY (patient_no) REFERENCES Patient);
```