

# Hospital

Presented by

AA

JB

DH

Spring 2015

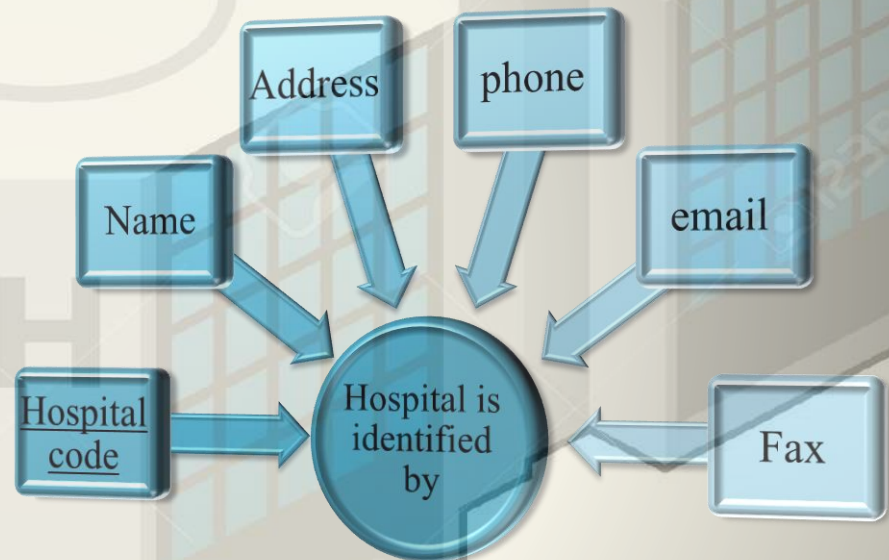
# Outline

- I. Hospital
- II. Doctors
- III. Patient
- IV. Billing
- V. Symptoms
- VI. Treatment
- VII. Relationship
- VIII. Conclusion



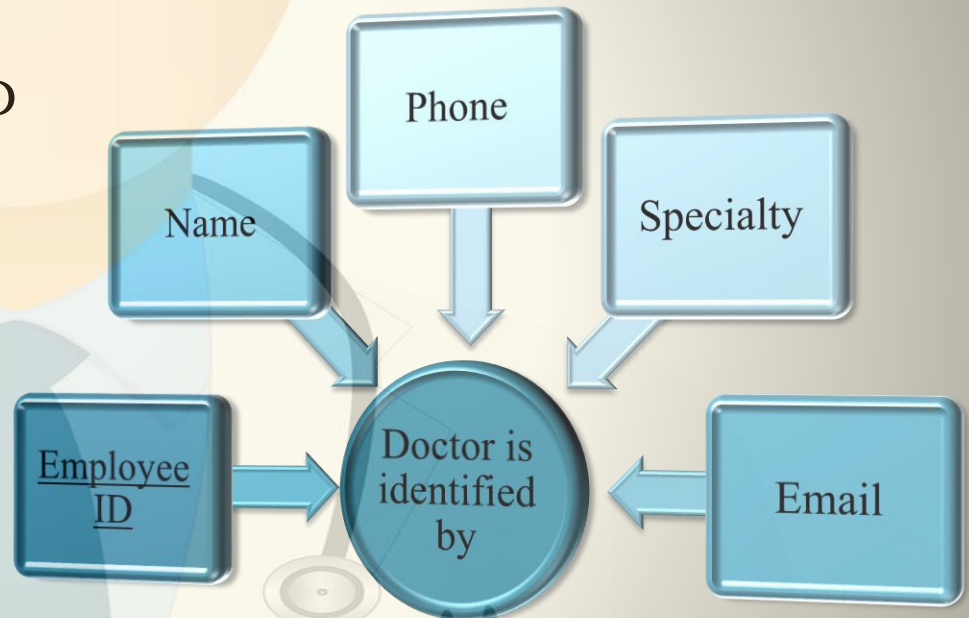
# Hospital

- Hospital can have one name.
- Hospital can have one code.
- Hospital can have one address
- Hospital can have many phones
- Hospital can have one email
- Hospital can have many fax #'s



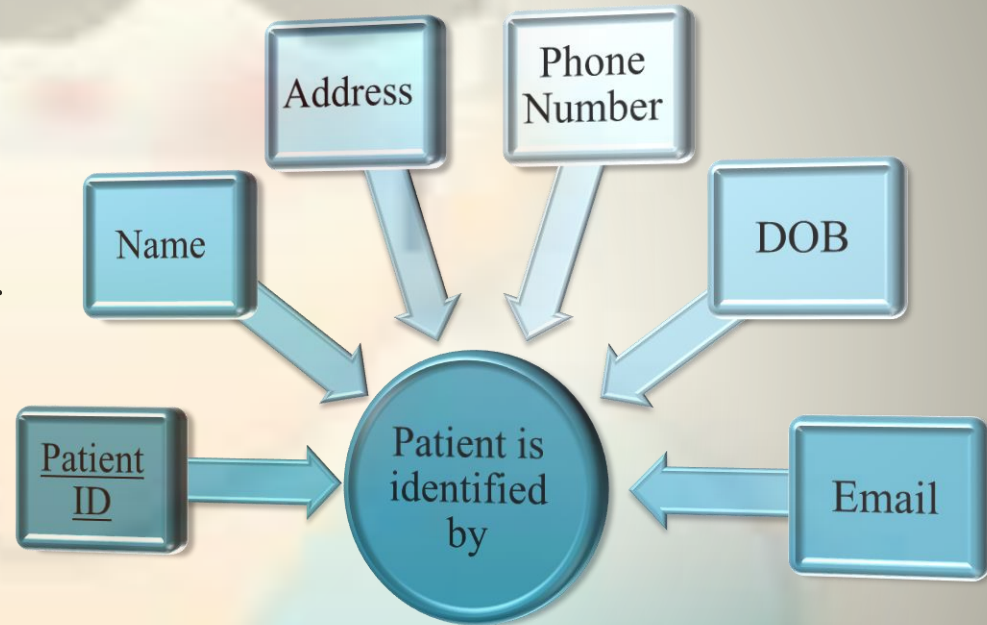
# Doctors

- Doctor can have one name
- Doctor can have one employee ID
- Doctor can have many phones
- Doctor can have one specialty
- Doctor can have one email



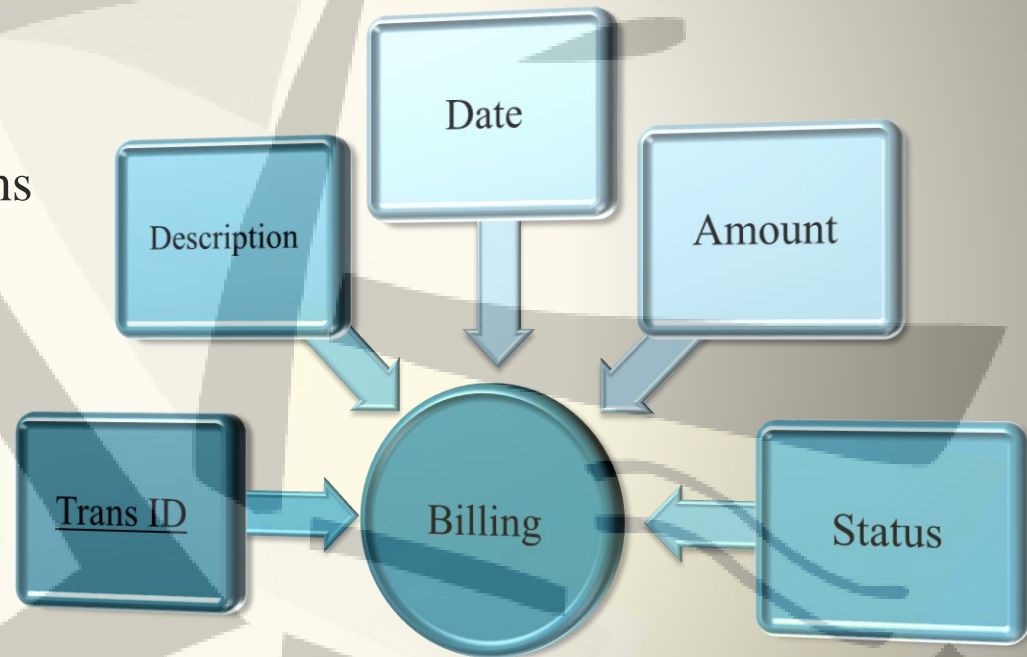
# Patient

- Patient can have one name
- Patient can have one patient ID
- Patient can have one address
- Patient can have one Phone Number
- Patient can have one Birth Day Date
- Patient can have one email



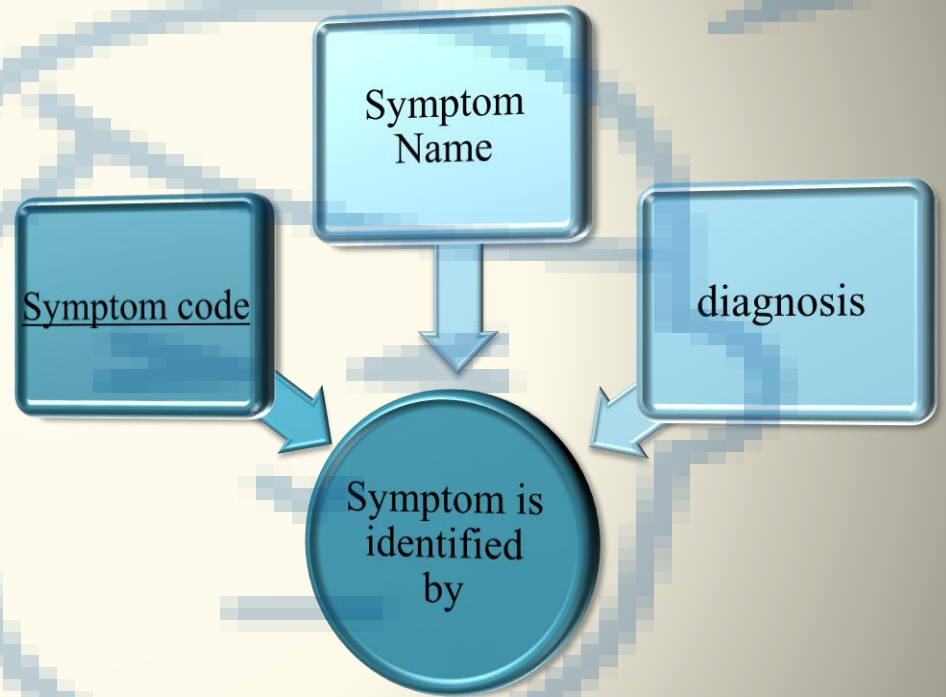
# Billing

- One bill can have one trans ID
- One bill can have many descriptions
- One bill can have one date
- One bill can have one amount
- One bill can have one status



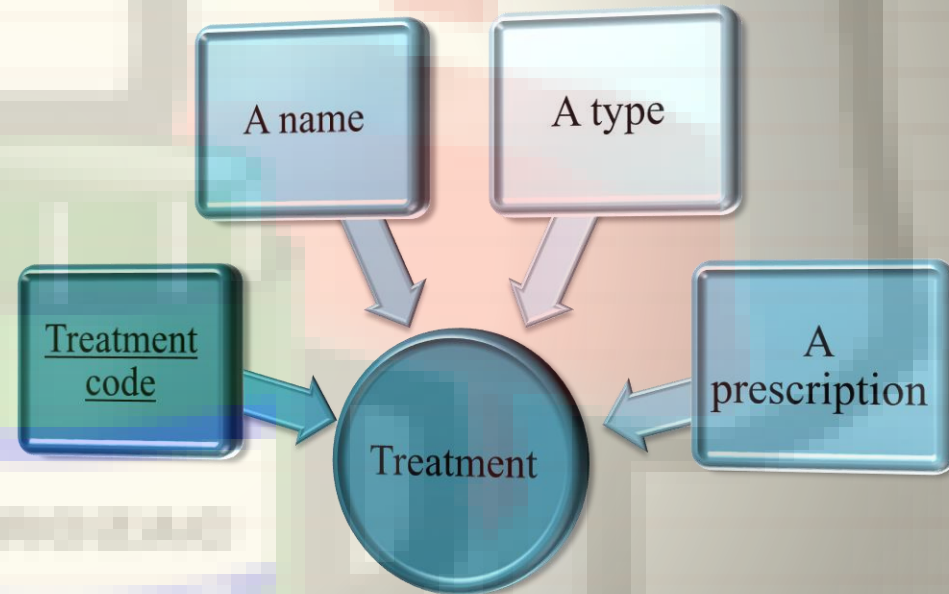
# Symptoms

- Symptom can have one Symptom code
- Symptom can have one Symptom Name
- Symptom can have many diagnoses



# Treatment

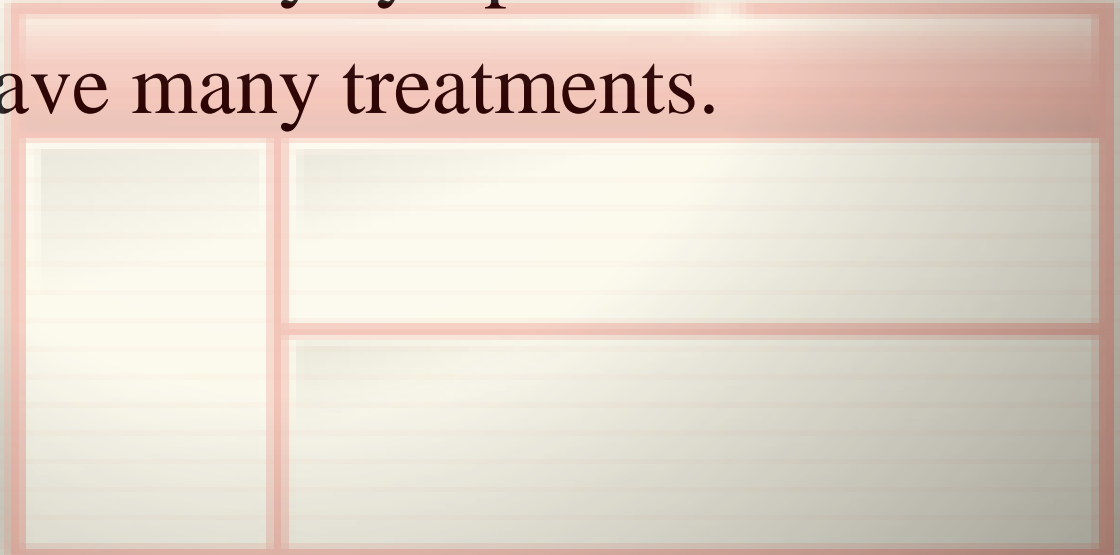
- Treatment can have one name
- Treatment can have one code
- Treatment can have one type
- Treatment can have one prescription

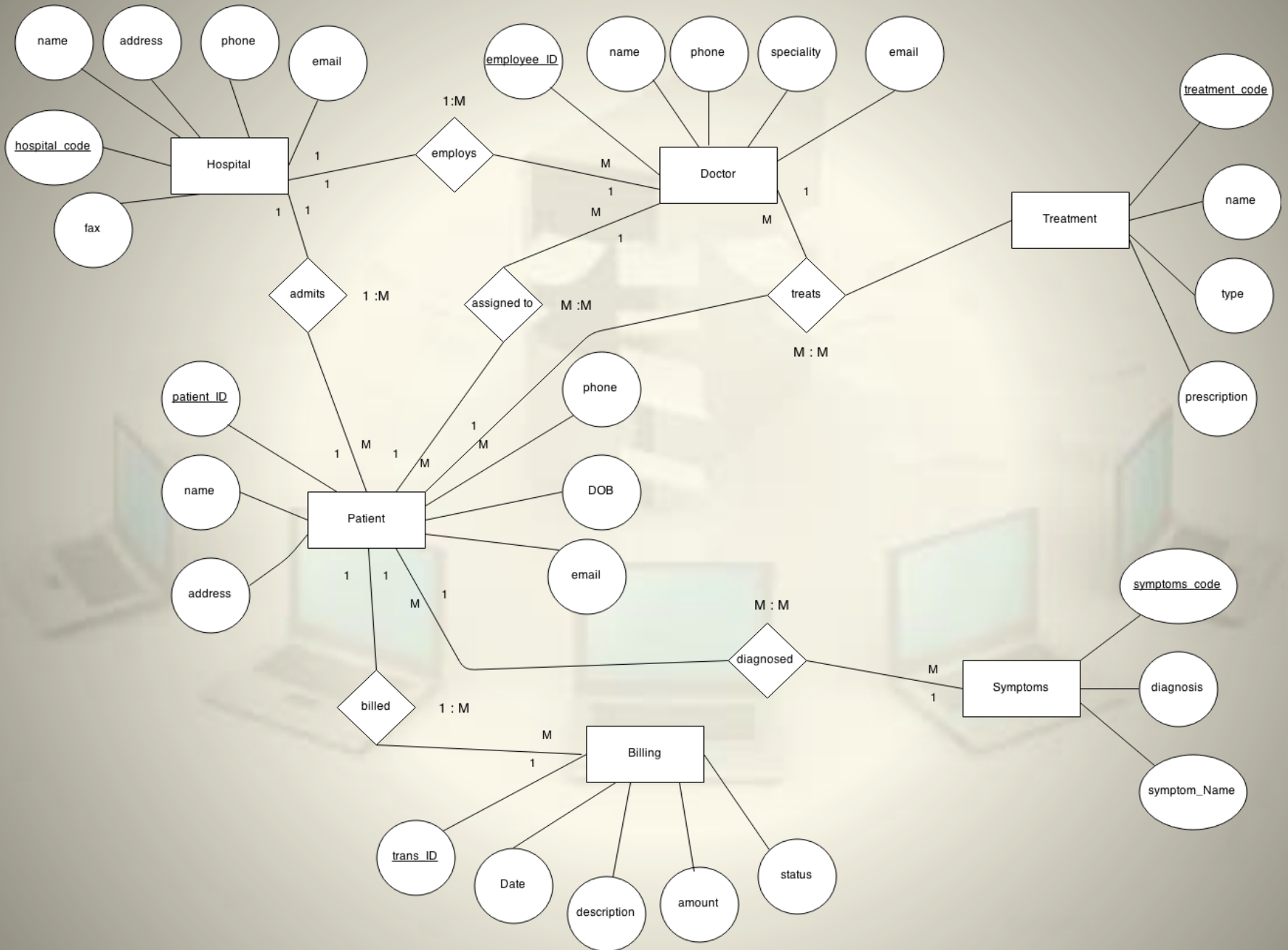




# Relationship

- Hospital can admit many patients.
- Hospital can employ many doctors.
- Doctors can have many patients.
- Patients can have many symptoms.
- Patients can have many treatments.





HOSPITAL	
<b>PK</b>	<b><u>Hospital Code</u></b>
	Hospital Name
	Address
	Phone
	Email
	Fax

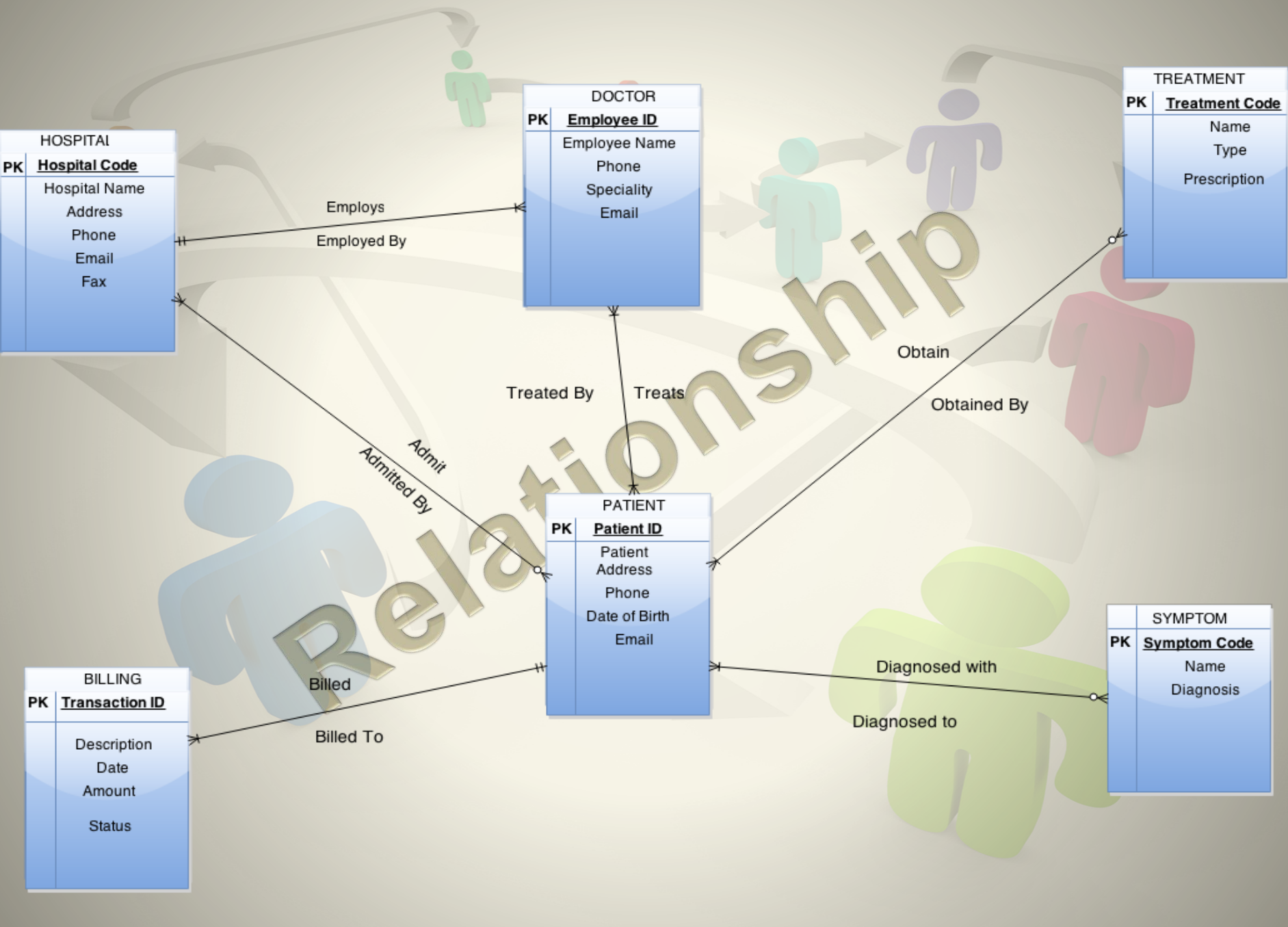
DOCTOR	
<b>PK</b>	<b><u>Employee ID</u></b>
	Employee Name
	Phone
	Speciality
	Email

TREATMENT	
<b>PK</b>	<b><u>Treatment Code</u></b>
	Name
	Type
	Prescription

BILLING	
<b>PK</b>	<b><u>Transaction ID</u></b>
	Description
	Date
	Amount
	Status

PATIENT	
<b>PK</b>	<b><u>Patient ID</u></b>
	Patient Address
	Phone
	Date of Birth
	Email

SYMPTOM	
<b>PK</b>	<b><u>Symptom Code</u></b>
	Name
	Diagnosis



Hospital					
<u>Hospital Code</u>	Hospital Name	Address	Phone	Email	FAX

Patient					
<u>Patient ID</u>	Patient Name	Address	Phone	DOB	Email

Hospital & Patient		
<u>Patient ID</u>	<u>Hospital Code</u>	Date

Doctor					
<u>Employee ID</u>	Employee Name	Phone Number	Specialty	Email	Hospital Code

Doctor & Patient		
<u>Patient ID</u>	<u>Employee ID</u>	Date

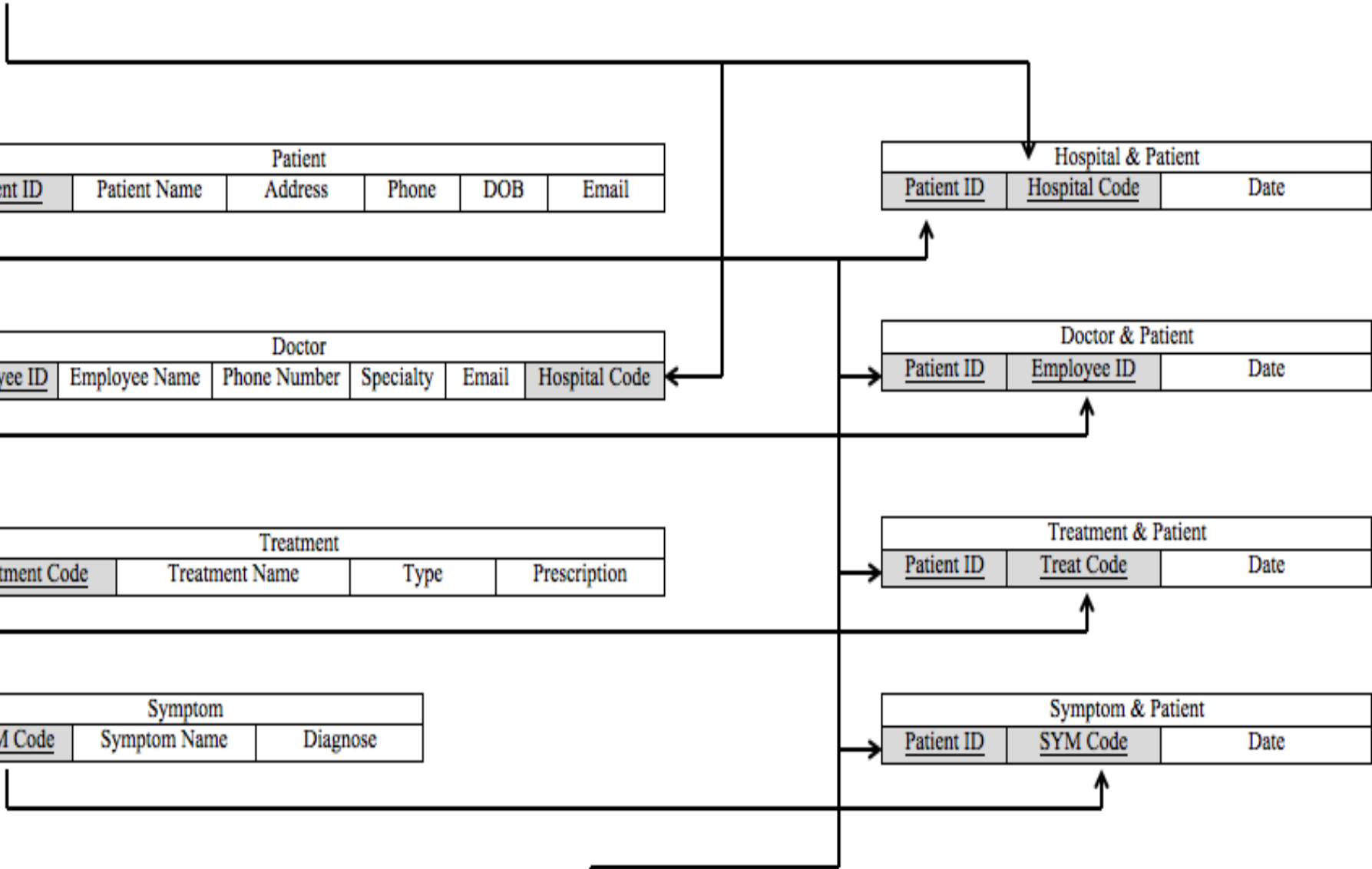
Treatment			
<u>Treatment Code</u>	Treatment Name	Type	Prescription

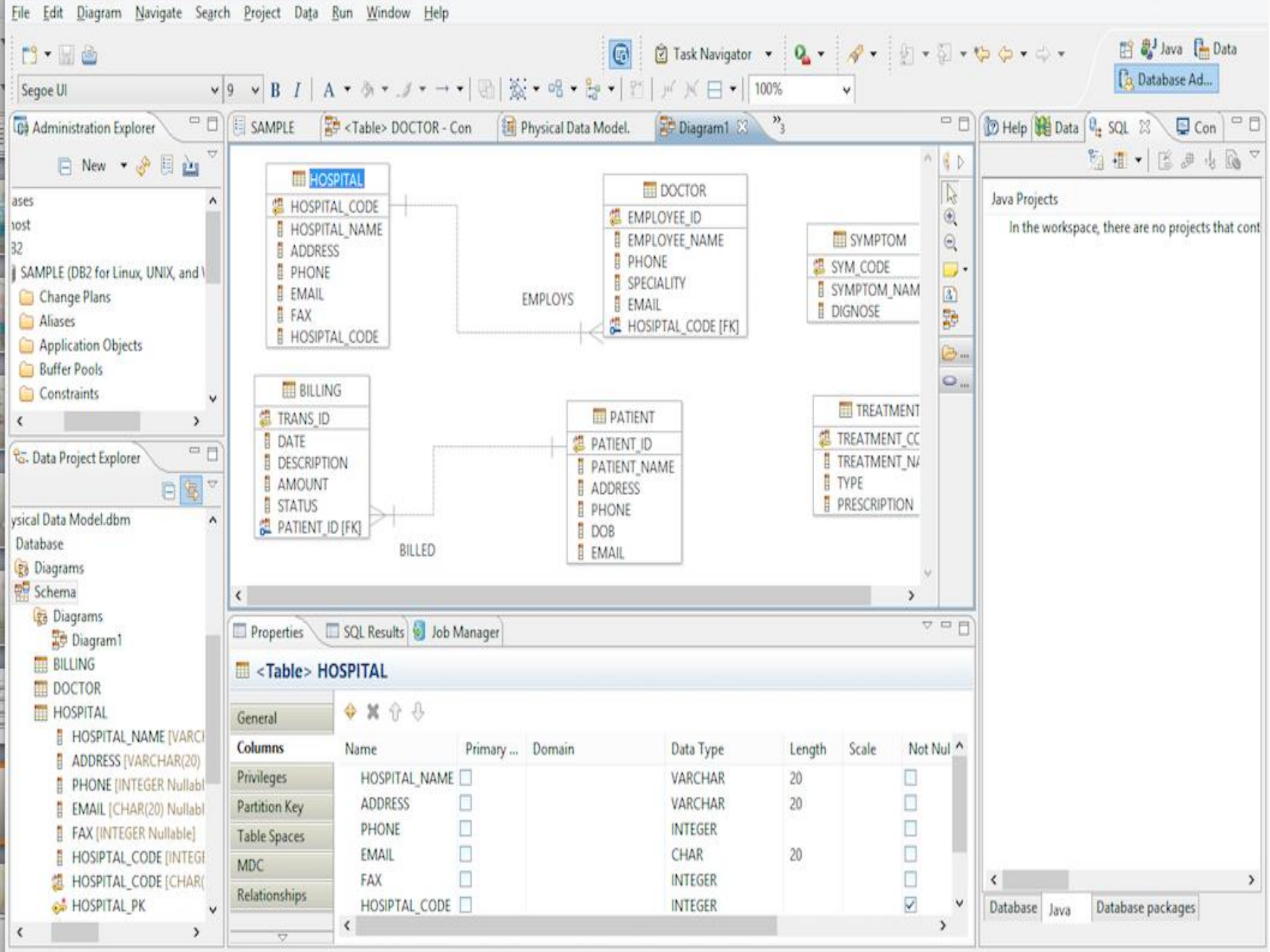
Treatment & Patient		
<u>Patient ID</u>	<u>Treat Code</u>	Date

Symptom		
<u>SYM Code</u>	Symptom Name	Diagnose

Symptom & Patient		
<u>Patient ID</u>	<u>SYM Code</u>	Date

Billing					
<u>Trans ID</u>	Date	Description	Amount	Status	Patient ID





# Conclusion

