The Database Clinic system description

Entity relationship Diagram and Relation Model

1. Project Description:

-This is Clinic Management System required to Store Data for patients and doctors.

-This system allows clinics to record Patients Medical History informations, doctors informations and bills.

-people who want to get treated that’s the Parametric end users.

-I got this idea from going to a clinic.

B) Project’s:

Patient:

Each Patient has a unique SNN, First name, last name, Gender, blood type, phone number.

Department:

Each Department has a unique Id and building location.

Doctor:

Each doctor has a unique SSN, Specialty, Age, Salary, First name, last name, Address, Gender.

Room:

Each room has a unique id, Type.

Bill:

Each Bill has a unique Id, Medicine Charges, Room Charges and Status.

Medicine:

Each Medicine has a unique id, Number of Doses, Price and Medicine name.

Records:

Each Record has a unique id, Date of addition in hospital and Date of Discharge and what kind of Treatment.

Project Relations:

Doctor\_Department(Many to one relationship) :- each doctor has one Department , Each Department has many doctors.

Treats (Many to Many relationship): - each doctor treats many patients and every patient may have more than one doctor Treating him.

ASSIGN (Many to many relationship):- each patient have more than one room and The room May have more than one Patient

ISSUED (Many to many relationship): - Each patient has one bill and the bills has many patients.

Records\_Medicine(Many to Many relationship):- Each records has many medicine and Medicine has many records.

Doctor\_Records(Many to one relationship):- Records has many Doctors , Doctors has one record for each patient.