

4 July 23 - ERD Ques.

ASSUMPTIONS

- 1) 1 patient can be several doctors
- 2) 1 appointment can only be reserved by 1 patient
- 3) 1 doctor can head many appointments.
- 4) 1 patient can have only 1 diagnosis
- 5) 1 diagnosis can only be offered by 1 doctor.

Relational schema.

Doctor (DocID, DocName)

DoctorContact (DocID, contact)

Patient (P_id, P_name, DiagnosisID)

DocPatient (DocID, P_id) *Composite pkey*

AdmittedPatient(P_id)

OutPatient (P_id)

Diagnosis (DiagnosisID, DocID, LastAppID)

Appointment (AppID, contact, scheduledBy, location, time/date, DocID, P_id)

Payment (paymentID, P_id, AppID, cash, credit)