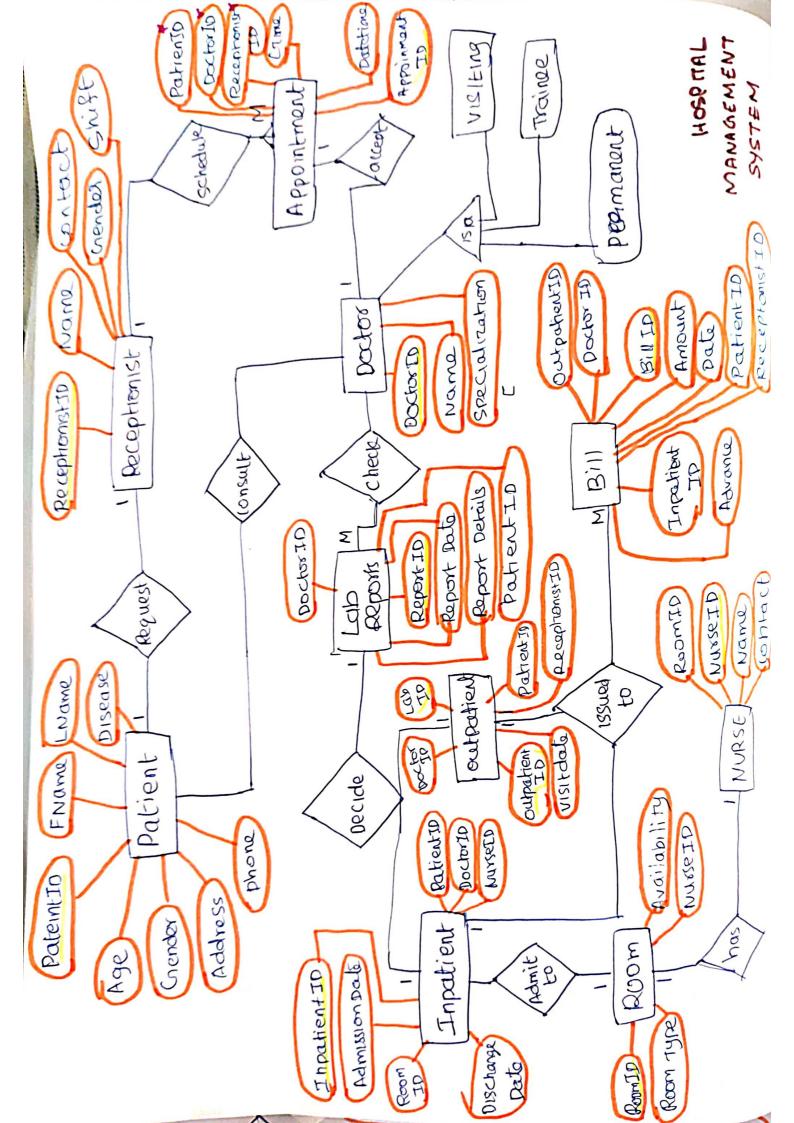
# Indian Institute of Technology Patria

cs 501
Database Systems
&
Data Mining

Assignment -1

sumbitted by

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## Entities & Attributes

### Patient:

#### Attorbutes:

\* PatientID (Primary key)

EName, L-Name

Age

Gender

Address

phone

Disease

#### Receptionist:

#### Actributes:

ReceptionistId (Primarykey)

Name

Contact

shift Chemoler

### Appointment:

Attributes: Appointment Id (Primary Key) Date\_Time (Appointment\_Date)

- \* PatientID (Foreign low of-Patient)
  - Doctor Id (Foriegn key-Doctor)
  - RecaptionistId (Foriegn key-pecaptionist)

Created Time

DOCTOS:

Attributes:

(primary key)

\* Doctos Id

Name Specialization

Employment-Type ( Dermanant/Training)

#### LabReport:

Attributes:

Reported (primary key)

ReportDate

Report Details Patient Id (Foriegn Key-Patient)

Doctor ID (Forregn bey-Doctor) category

InPatien!

\* Inpotient ID (primary Key)

Admission Date DischargeDate

\* RoomId (Foriegn Key-Room)

\* Potient Id (Foriegn Key-Potient)

\* Doctor\_Id (Foriegn key- Doctor)

Nurseiel (Foriegn Kay- Musse)

#### Outpatient:

Atributes:

\* Out Patient [D (primary (cay)

\* Patient Id CFonegn bay- Patient)

\* Receptionist Id (Forienton - Recoptionist)

\* DOCASTIA (Fosiegn bey Doctor) \* Labid ( Fortegn key Labrecords) Raport Boom Attributes: RoomId (primary kay) RoomType Acailability Nurse Id (Fosiegn Ray-Nurse) NUTSE: Afforbutes: MuseId (poincery key) Name Contack RoomId (Forregn Rey-Room) Bill Afterbates: Bill ID (primary lay) Amount Data Patient ID (Foregn Ray-Patient) pacaptionist ID (Foriegn key- receptionist) × Inpatient ID (Foriegn key-Inpatient) OutputPatientID (Foolegn leg-outputient) Doctor Id (Foriegn Kay-Doctor) Advance.

#### Relation Ships:

- \* Patient can have multiple Appointment
- \* Receptionish Schodulos "
- \* Appointment is made by a Patient Scheduled by a peceptionist Confirm/Reject by a Doctor.
- + Doctor sees multiple Polients in multiple Appointments
- + Doctor provides multiple Labrecords for patients
- \* Lab Report 1s generated for a patient by doctor.
- \* Patient can be Enpatient admitted
- \* Inpatient is taken careby hurse
- x outpatients UBITS doctor.
- \* Bill is generated for Patients by Receptionists for

Appointments
Lab Records (paports)
Inpatient services
Madicines