

Normalized SQL database:-

Date: _____

-) schema
-) Normalize
-) DDL/DML → files
-) stored procedures (CRUD operations).
-) ERD.

→ Patient Name

Visit → Date

↳ Doc Name

↳ Visit Type

↳ Duration

↳ Drs' Notes

Fee Rates

Clinic Roles

1NF :- atomise

fee rates \rightarrow multiple fees in 1 row
 Clinic roles \rightarrow " roles in 1 row

* split into diff rows *

2NF : xpartial-dep.

VisitType \rightarrow lookup table

Doctors \rightarrow "

Patient Names \rightarrow "

3NF :- Non-key attributes should not depend on other non-key attributes

Fee Rates \rightarrow VisitType (assigns a rate after lookup)

- ① Patients : *Patient ID, Name
- ② Doctors : *Doctor ID, Doc Name, Role FK
- ③ VisitType :- *Visit Type ID, TypeName

Date: _____

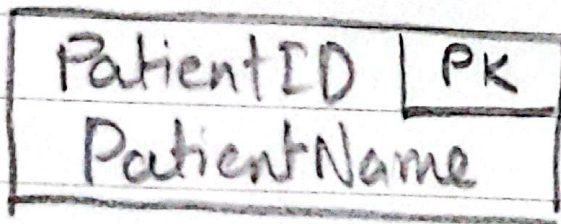
Fee Rates :: (FeeRateID, VisitTypeID, Rate)
(FK)

Visit Details:- AU Entries

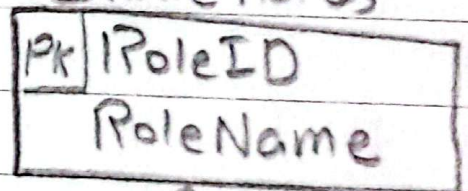
PK	FK	PK	
VisitID	PatientID	DoctorID	...

ERD:-

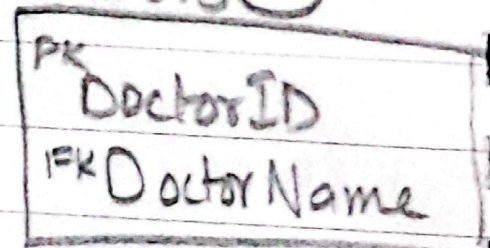
① Patients



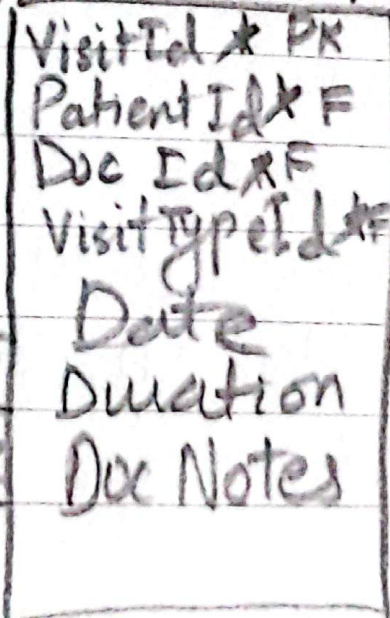
③ Clinic Roles



Doctors ④

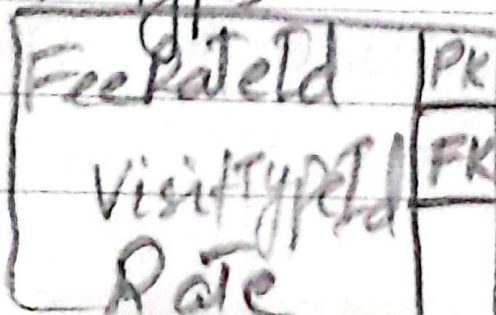


⑥ Visit detail



②

Visit types



⑤ Fee Rates

