Null checks

If only 1 field has to be updated, other fields can be passed as null and it won’t be updated

Created\_on for person

PersonId

Sequence

Donation min time difference 42 days

Appointment -> each time slot each doctor and patient should only have 1 appointment -> create another slot table, update, delete validation all done by patient, delete done by doctor

Donation\_date -> sys.now, expiration\_date -> 42 days

Only doctor can be department HoD, min experience, add isactice, joining exp for doctor to calculate experience based on Insertion, deletion and updating script for all tables

join exp + (sysdate - created\_date)

When blood requirement is met, isbloodconsumed = Y

Closest to expiry blood to be donated first based on blood group

Donor health condition table

HOD should be doctor ID

Once HOD update query, most experienced person in that dept becomes HOD

A nurse can have min and max hours worked, isActive to be added

In patient room\_no should not be duplicate with another patient without discharge\_date

The moment, blood prescription is created, requirement checks capacity, if donor is present, subtract and fulfilled, if left unfulfilled then next time donor donates then if donates, the oldest requirement is auto fulfilled

1 Insert Doctor, Nurse, donor

table, person

Insert in-patient, out-patient

Person, patient, user

2. Insert dept

dept

Insert appointment, appointment\_slot,

Appointment, appointment \_slot

3. after appointment status=completed, insert health\_report. Prescription, medicine/bloodrequirment

Insert shift\_nurse, shift\_timing

4. Insert donor\_blood\_camp\_asso

Insert blood\_camp