user
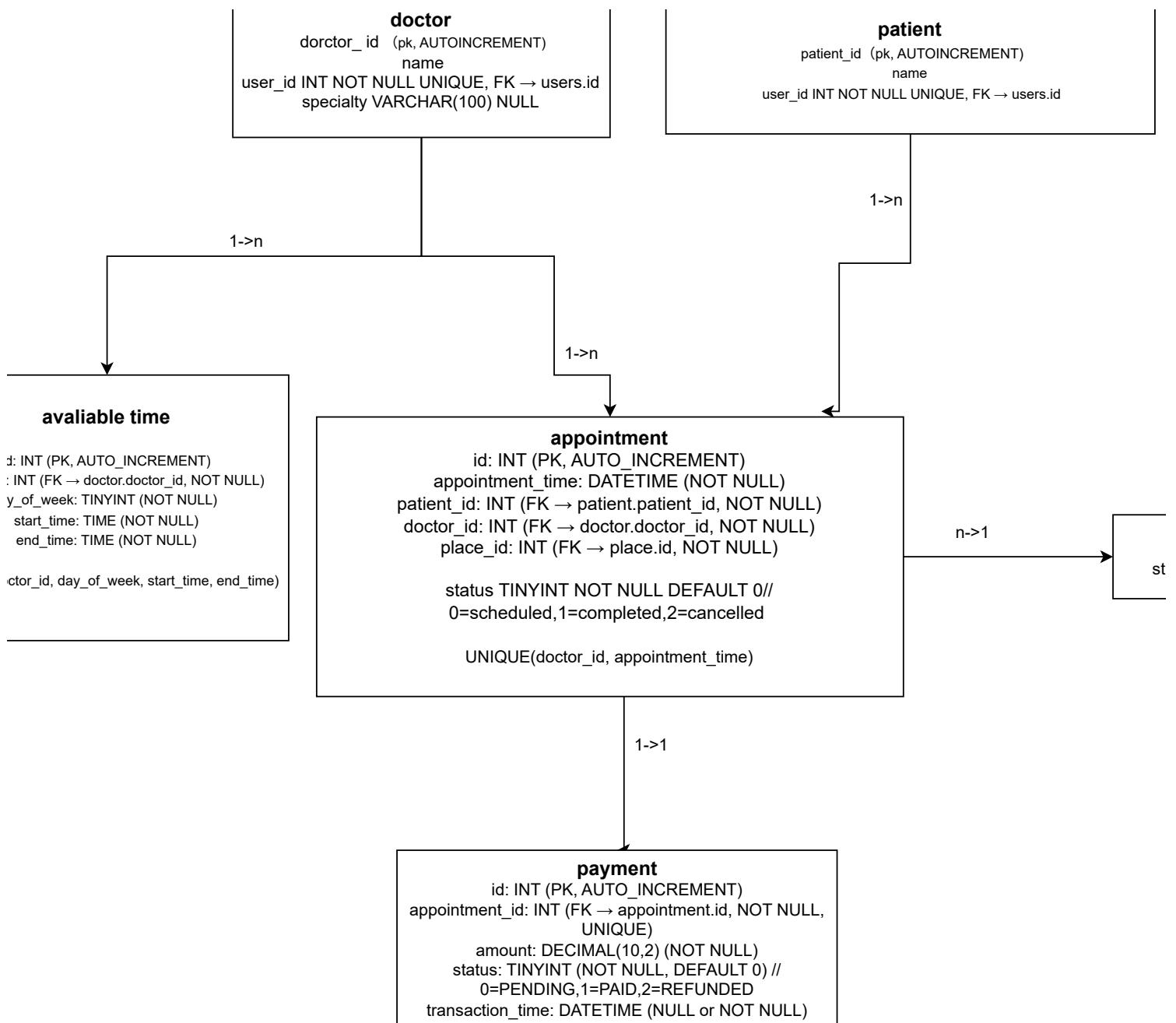id:INT(pk,AUTO_INCREMENT)
email: VARCHAR(100)(NOT NULL)
password_hash:VARCHAR(255) (NOT NULL)
role: VARCHAR(20) (NOT NULL) // ADMIN/DOCTOR/PATIENT
created_at:TIMESTAMP(DEFAUT CURRENT_TIMESTAMP)

1->(0..1)

1->(0..1)

id

doctor_id:

day

UNIQUE(doc

doctor

dorctor_ id (pk, AUTOINCREMENT)
name
user_id INT NOT NULL UNIQUE, FK → users.id
specialty VARCHAR(100) NULL

patient

patient_id (pk, AUTOINCREMENT)
name
user_id INT NOT NULL UNIQUE, FK → users.id

1->n

1->n

1->n

avaliable time

d: INT (PK, AUTO_INCREMENT)
: INT (FK → doctor.doctor_id, NOT NULL)
y_of_week: TINYINT (NOT NULL)
start_time: TIME (NOT NULL)
end_time: TIME (NOT NULL)

ctor_id, day_of_week, start_time, end_time)

appointment

id: INT (PK, AUTO_INCREMENT)
appointment_time: DATETIME (NOT NULL)
patient_id: INT (FK → patient.patient_id, NOT NULL)
doctor_id: INT (FK → doctor.doctor_id, NOT NULL)
place_id: INT (FK → place.id, NOT NULL)

status TINYINT NOT NULL DEFAULT 0//
0=scheduled,1=completed,2=cancelled

UNIQUE(doctor_id, appointment_time)

n->1

st

1->1

payment

id: INT (PK, AUTO_INCREMENT)
appointment_id: INT (FK → appointment.id, NOT NULL,
UNIQUE)
amount: DECIMAL(10,2) (NOT NULL)
status: TINYINT (NOT NULL, DEFAULT 0) //
0=PENDING,1=PAID,2=REFUNDED
transaction_time: DATETIME (NULL or NOT NULL)

place
int id
tring name