We have 3 big type application.

In Staff/views.py

- **<u>Deliverable 5</u>: At least one meaningful query must join 3 or more tables.**

'SELECT * FROM "nurse", "doctor", "appointment" WHERE "nurse"."did" = "doctor"."id" AND "doctor"."id" = "appointment"."did" AND "nurse"."id" = %s', [id]

'SELECT * FROM "staff", "weeklyschedule", "scheduled_time" WHERE "staff"."id" = "weeklyschedule"."sid" AND "scheduled_time"."wid" = "weeklyschedule"."id" AND "staff"."id" = %s', [id]

SELECT * FROM "prescription", "treats", "doctor", "contains", "medicine" WHERE "prescription"."prescriptionid" = "treats"."prescriptionid" AND "treats"."did" = "doctor"."id" AND "doctor"."id" = %s AND "prescription"."prescriptionid" = "contains"."prescriptionid" AND "contains"."din" = "medicine"."din" ORDER BY "prescription"."prescriptionid"', [id]

- **<u>Deliverable 7</u>: At least one query must be an interesting GROUP BY query (aggregation).**

'SELECT "brand", count(*) as count FROM "contains", "medicine" WHERE "contains"."din" = "medicine"."din" group by "brand" order by count desc'

'SELECT ingredients, count(*) as count from contains, medicine where contains.din = medicine.din group by ingredients order by count desc'

- **<u>Deliverables 8-10</u>: Describe the other queries you plan to have (these can be simpler queries), so that you have at least 10 SQL statements overall.**

'SELECT * FROM "staff", "nurse" WHERE "staff"."id"="nurse"."id" AND "staff"."id" = %s',[id]
'SELECT * FROM "staff", "weeklyschedule", "scheduled_time" WHERE "staff"."id" = "weeklyschedule"."sid" AND "scheduled_time"."wid" = "weeklyschedule"."id" AND "staff"."id" = %s', [id]

'SELECT * FROM "staff", "doctor" WHERE "staff"."id"="doctor"."id" AND "staff"."id" = %s',[nurseStaff.did]

'SELECT * FROM "staff", "lab_technician" WHERE "staff"."id"="lab_technician"."id" AND "staff"."id" = %s',[id]
'SELECT * FROM "facility" WHERE "facility"."id" = %s' %ltStaff.fid
'SELECT * FROM "facility", "Books", "appointment" WHERE "facility"."id" = "Books"."FID" AND "Books"."AppointmentID" = "appointment"."appointmentid" AND "facility"."id" = %s' %facility.id

'SELECT * FROM "staff", "doctor" WHERE "staff"."id"="doctor"."id" AND "staff"."id" = %s',[id]
'SELECT * FROM "specialist" WHERE "specialist"."id" = %s', [specialistStaff.id]
‘SELECT * FROM "doctor", "appointment" WHERE "doctor"."id" = "appointment"."did" AND "doctor"."id" = %s',[id]
'SELECT * FROM "staff", "nurse" WHERE "staff"."id" = "nurse"."id" AND "nurse"."did" = %s',[id])
'SELECT * FROM "treats", "doctor" WHERE "treats"."did" = "doctor"."id" AND "doctor"."id" = %s', [id]

'SELECT * FROM "staff", "doctor" WHERE "staff"."id"="doctor"."id" AND "staff"."id" = %s',[id])[0]

'SELECT * FROM "doctor", "appointment" WHERE "doctor"."id" = "appointment"."did" AND "doctor"."id" = %s',[id]
‘SELECT * FROM "staff", "nurse" WHERE "staff"."id" = "nurse"."id" AND "nurse"."did" = %s',[id]
SELECT * FROM "treats", "doctor" WHERE "treats"."did" = "doctor"."id" AND "doctor"."id" = %s', [id]
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Deliverable FOR DEMO DIVISION
'SELECT DISTINCT din FROM "contains" as sx WHERE NOT EXISTS ((SELECT p."prescriptionid" FROM "prescription" as p)EXCEPT(SELECT sp."prescriptionid" FROM contains as sp WHERE sp.din = sx.din))

In Patient/views.py

- **Deliverables 8-10: Describe the other queries you plan to have (these can be simpler queries), so that you have at least 10 SQL statements overall.**

SELECT * FROM "patient" WHERE "patient"."id" = %s',[id]
'SELECT * FROM "patient" WHERE "id" = %s', [id]

- **Deliverable 4: You need to have at least one UPDATE statement.**

'UPDATE "patient" SET "name" = %s , "email" = %s , "healthcard" = %s , "phone" = %s WHERE "id" = %s',(name,email,healthcard,phone,id))
Deliverable 5: At least one meaningful query must join 3 or more tables.
'SELECT * FROM "prescription", "treats", "patient", "contains", "medicine" WHERE "prescription"."prescriptionid" = "treats"."prescriptionid" AND "treats"."pid" = "patient"."id" AND "patient"."id" = %s AND "prescription"."prescriptionid" = "contains"."prescriptionid" AND "contains"."din" = "medicine"."din" ORDER BY "prescription"."prescriptionid"', [id])

- **Deliverable 6: At least one other meaningful query needs to join 2 or more tables.**

'SELECT * FROM "appointment", "doctor", "staff" WHERE "appointment"."did" = "doctor"."id" AND "doctor"."id" = "staff"."id" AND "appointment"."pid" = %s ', [id]

- **<u>Deliverable 2</u>: You need to have at least one INSERT statement.**

'INSERT into "patient"("email","name","healthcard","phone") values(%s,%s,%s,%s)',(email,name,healthcard,phone))

- **<u>Deliverable 11</u>: You need to have at least one view for your database, created using the CREATE VIEW statement in SQL. It should be a proper subset of a table. When the user wants to display all the data from this view, they will get all the columns specified by the view, but not all of the columns in the underlying table.**

'CREATE OR REPLACE VIEW AllAVAILABLE AS SELECT "doctor"."id", "staff"."name", "doctor"."availableforemergency", "staff"."email", "staff"."phone" FROM "doctor", "staff" WHERE "doctor"."id" = "staff"."id" AND "doctor"."availableforemergency" = TRUE')
We have two type of selections for this view.
'SELECT "id", "name", "phone" FROM AllAVAILABLE'
SELECT "id", "name" FROM AllAVAILABLE'

In WeeklySchedule/views.py

- **<u>Deliverables 8-10</u>: Describe the other queries you plan to have (these can be simpler queries), so that you have at least 10 SQL statements overall.**

'SELECT * FROM "scheduled_time" WHERE "scheduled_time"."wid"=%s', [wid]
'SELECT * FROM "weeklyschedule" WHERE "weeklyschedule"."id"=%s', [wid]
'SELECT * FROM "scheduled_time" WHERE "scheduled_time"."date" = %s AND "scheduled_time"."starttime" = %s AND "scheduled_time"."endtime" = %s AND "scheduled_time"."wid" = %s',(date,starttime,endtime,wid)

- **<u>Deliverable 2</u>: You need to have at least one INSERT statement.**

'INSERT into "scheduled_time" values(%s,%s,%s,%s,%s)',(ddate,st,et,wid,nt)

- **<u>Deliverable 3</u>: You need to have at least one DELETE statement.**

'DELETE FROM "scheduled_time" WHERE "scheduled_time"."date" = %s AND "scheduled_time"."starttime" = %s AND "scheduled_time"."endtime" = %s AND "scheduled_time"."wid" = %s',(date,starttime,endtime,wid)