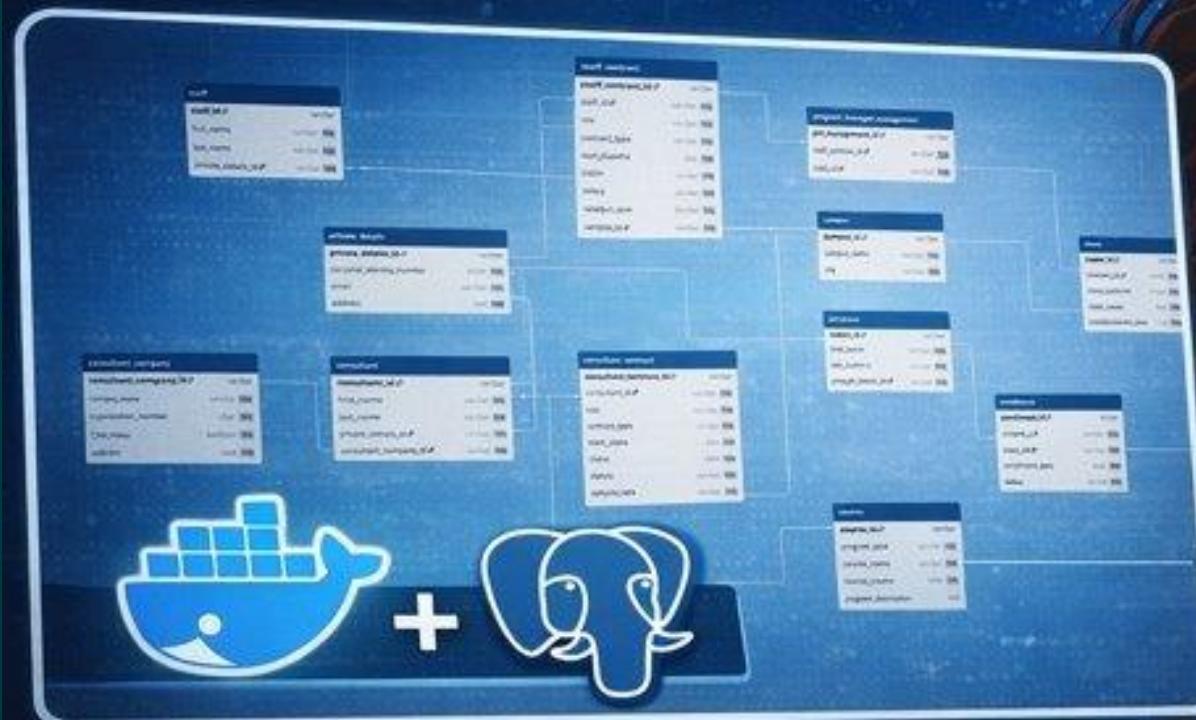
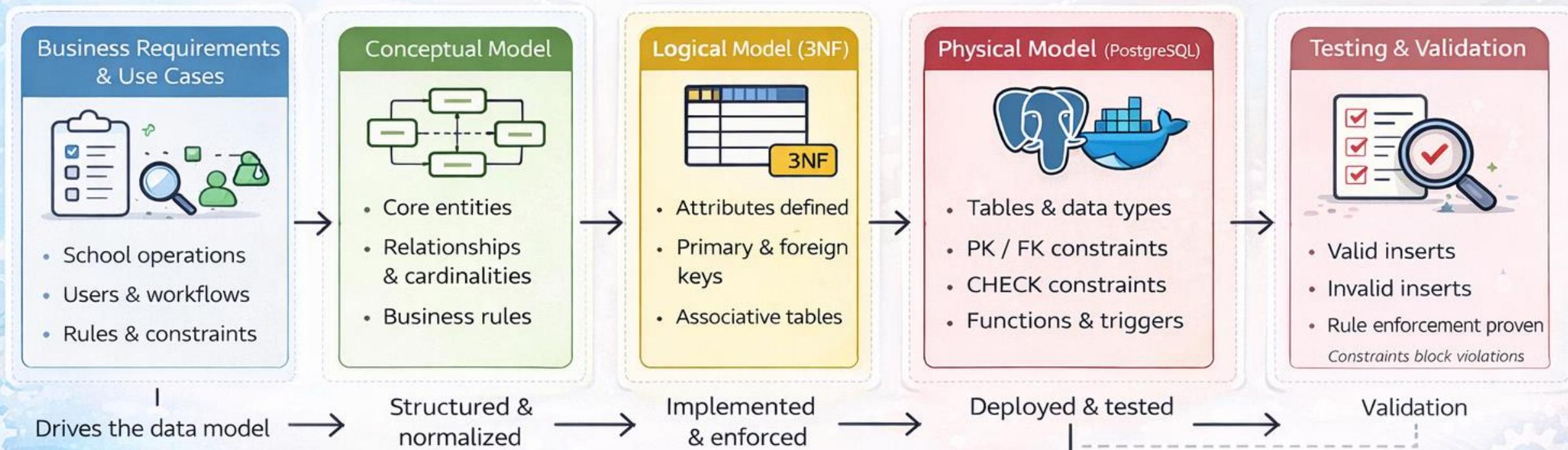


DATA MODELING WITH **3NF** USING DOCKER & POSTGRESQL



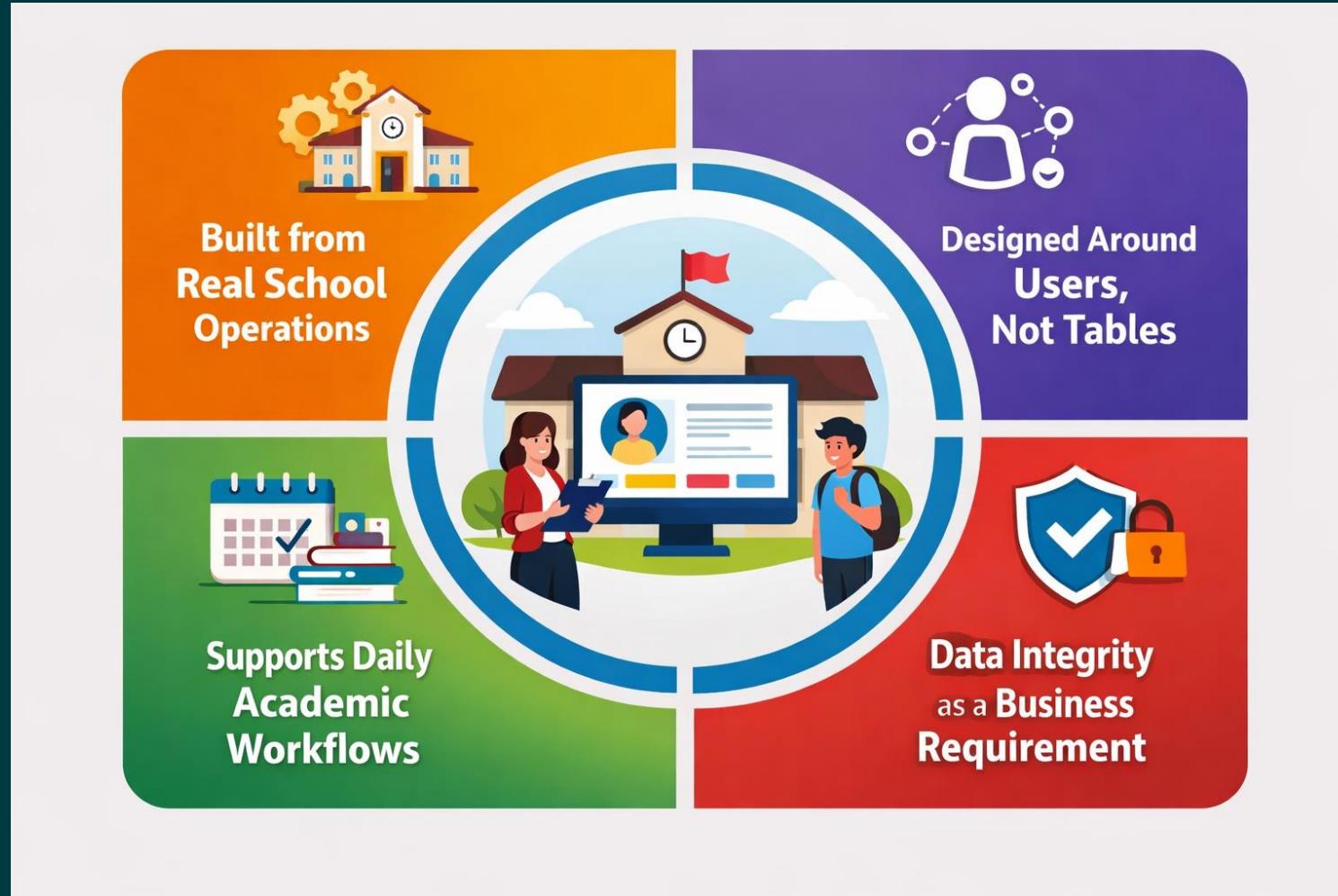
By: Aira Franco

Business-Driven Relational Data Modeling Pipeline (3NF)



- 01_ddl.sql → schema, constraint, triggers
- 02_seed.sql → valid test data.
- 03_queries.sql → validation queries

Iteration & refinement



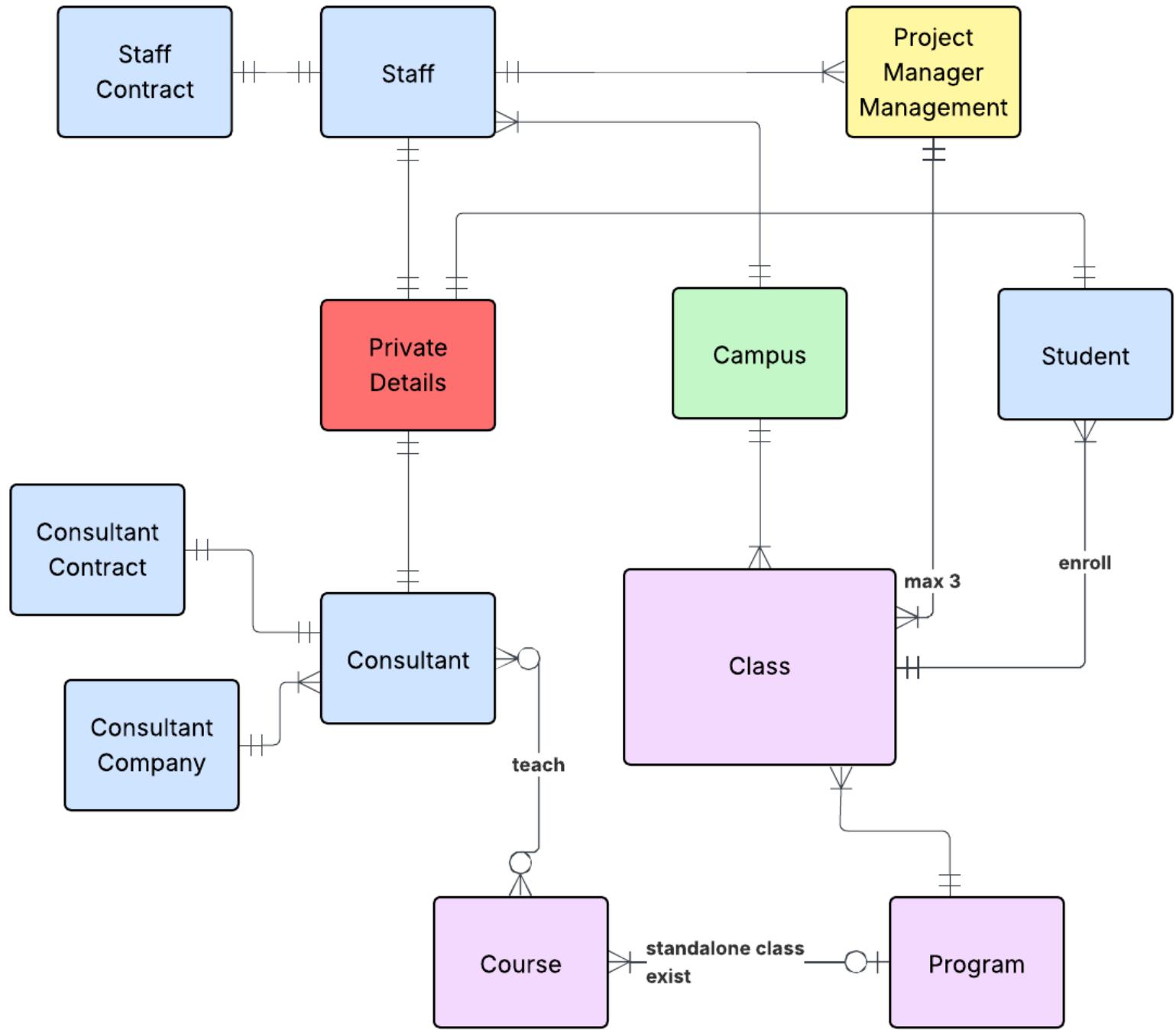
START WITH THE QUESTION
IN MIND:

ASK

-WHY THIS DATABASE
EXISTS?

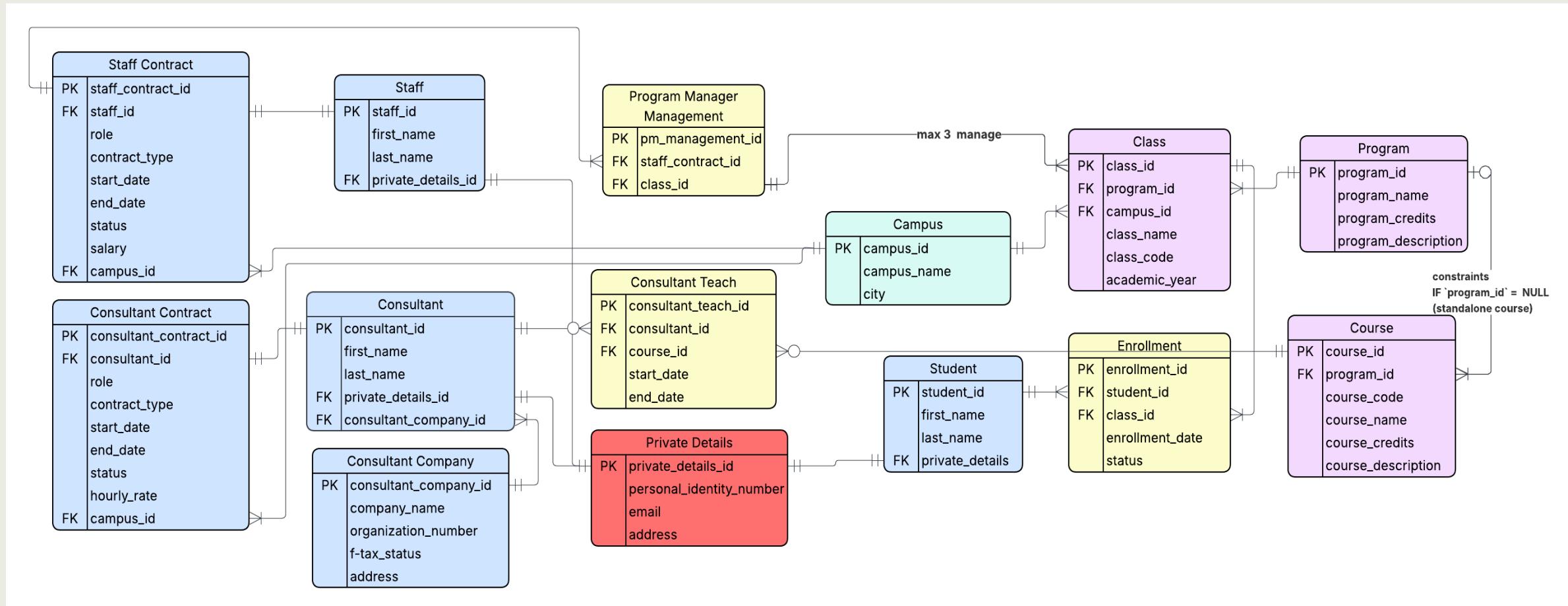
-WHO ARE THE USERS?
THE END USERS?

- THE MOST COMMON
QUERIES?



CONCEPTUAL MODEL

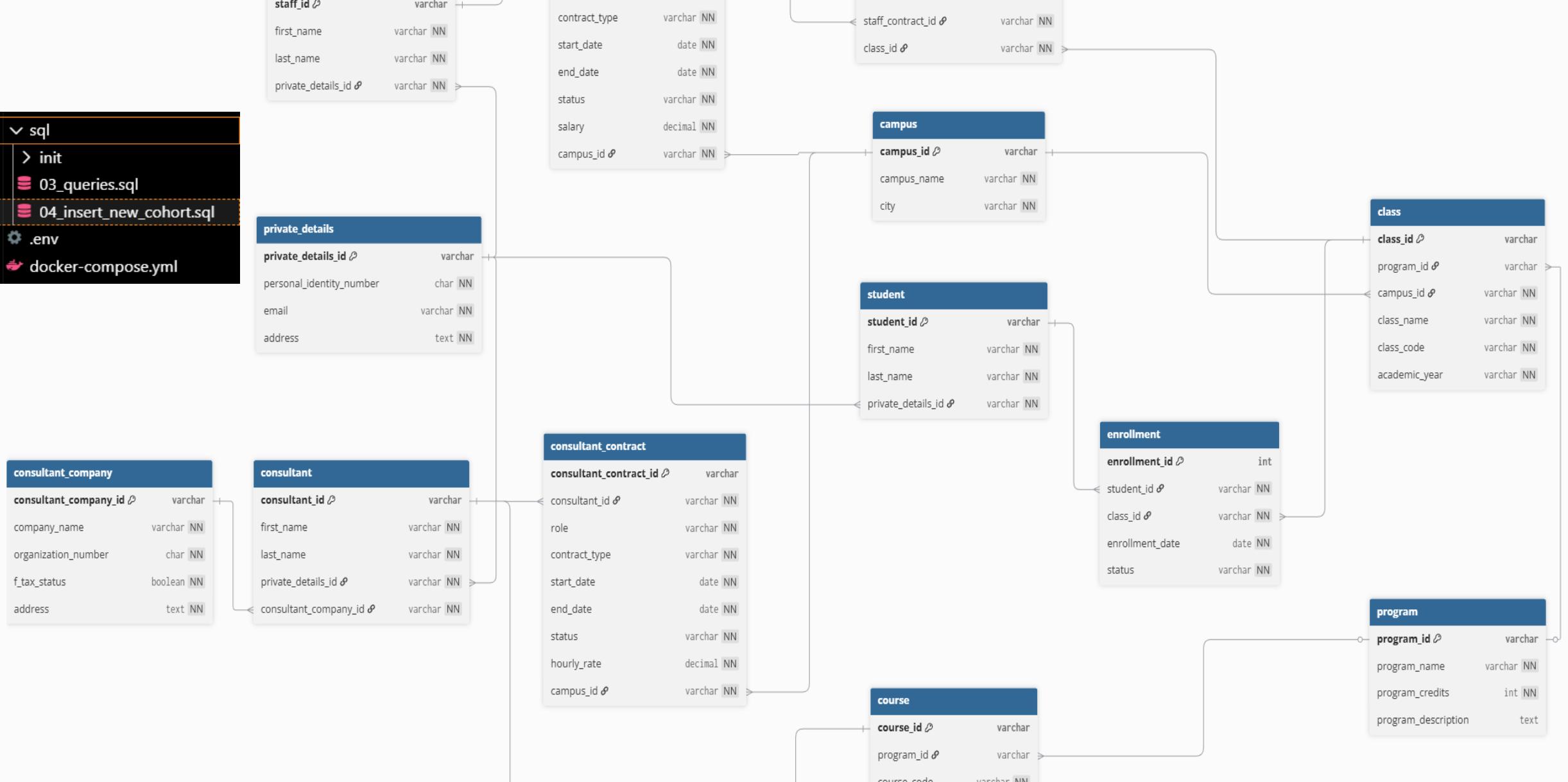
Logical Model: Think about 3rd Form Normalization, Primary Keys, Foreign Keys



```

sql
> init
  03_queries.sql
  04_insert_new_cohort.sql
.env
docker-compose.yml

```



Physical Model

IDEMPOTENT SCHEMA SCRIPTS

