

*DREAMTEAM*  
PROPOSAL



VOX MAPP

# PROBLEMS TO SOLVE

```
graph TD; A[PROBLEMS TO SOLVE] --> B[HARD DATA BASE CLEANING PROCESSES]; B --> C[TIME COSTLY ANALYTIC PROCESSES]; C --> D[HARD MONITORING BRIEFS CREATION];
```

HARD DATA BASE CLEANING  
PROCESSES

TIME COSTLY ANALYTIC  
PROCESSES

HARD MONITORING BRIEFS  
CREATION

# HARD DATA BASE CLEANING PROCESSES

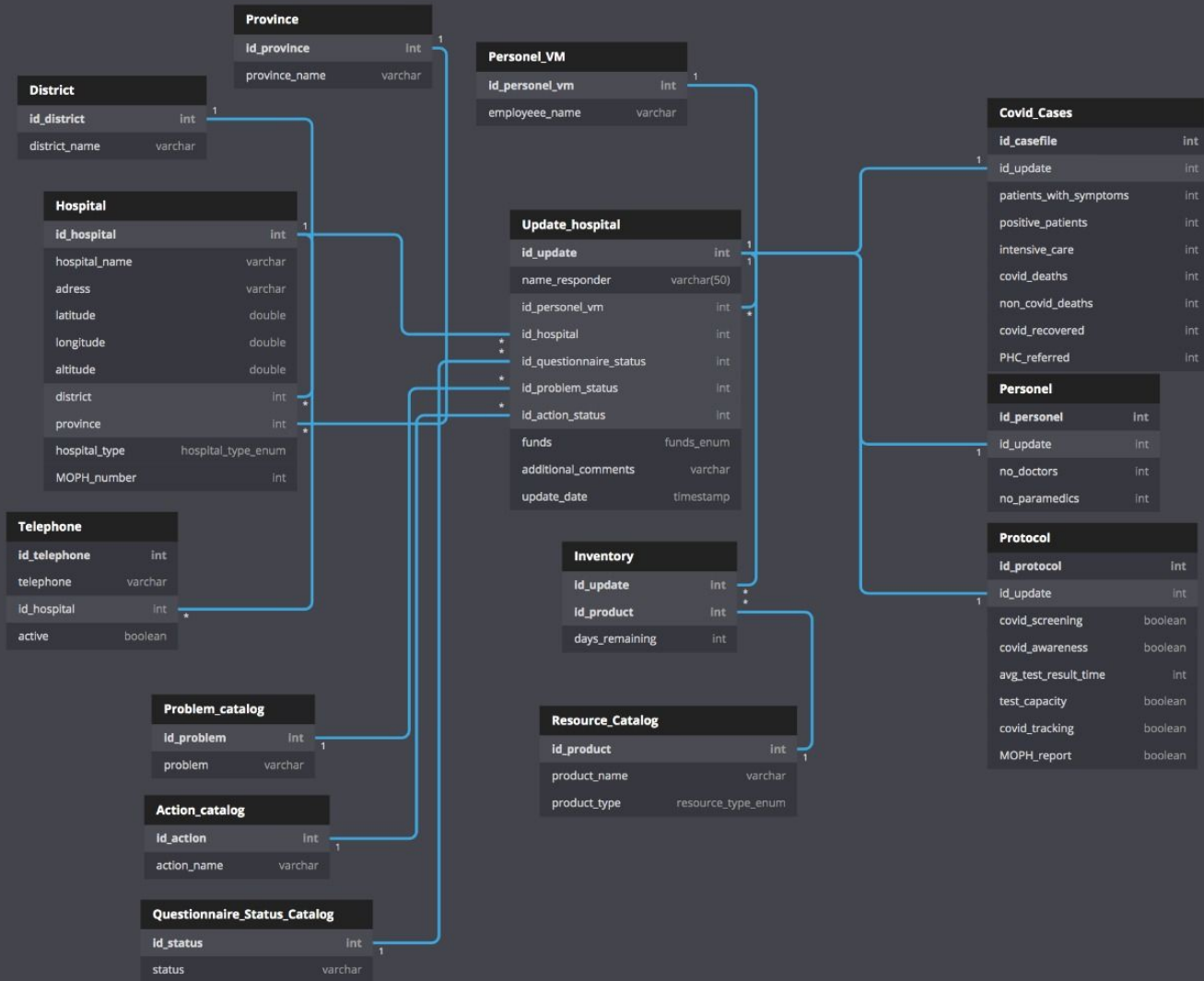
RELATIONAL DB

NORMALIZATION

3<sup>RD</sup> NF

PRODUCTION





## HARD DATA BASE CLEANING PROCESSES

Single answer column

Phone LADA's

+/- phone digits

province

complete / incomplete  
questionnaires

problem / solution

## SOLUTIONS

1st NF - insertion boundaries

app *LADA*, entity *PHONE*

app regulation

entity *PROVINCE* + *dropdown*

app regulation +  
views

views + app autocomplete

THANK YOU !



VOX MAPP