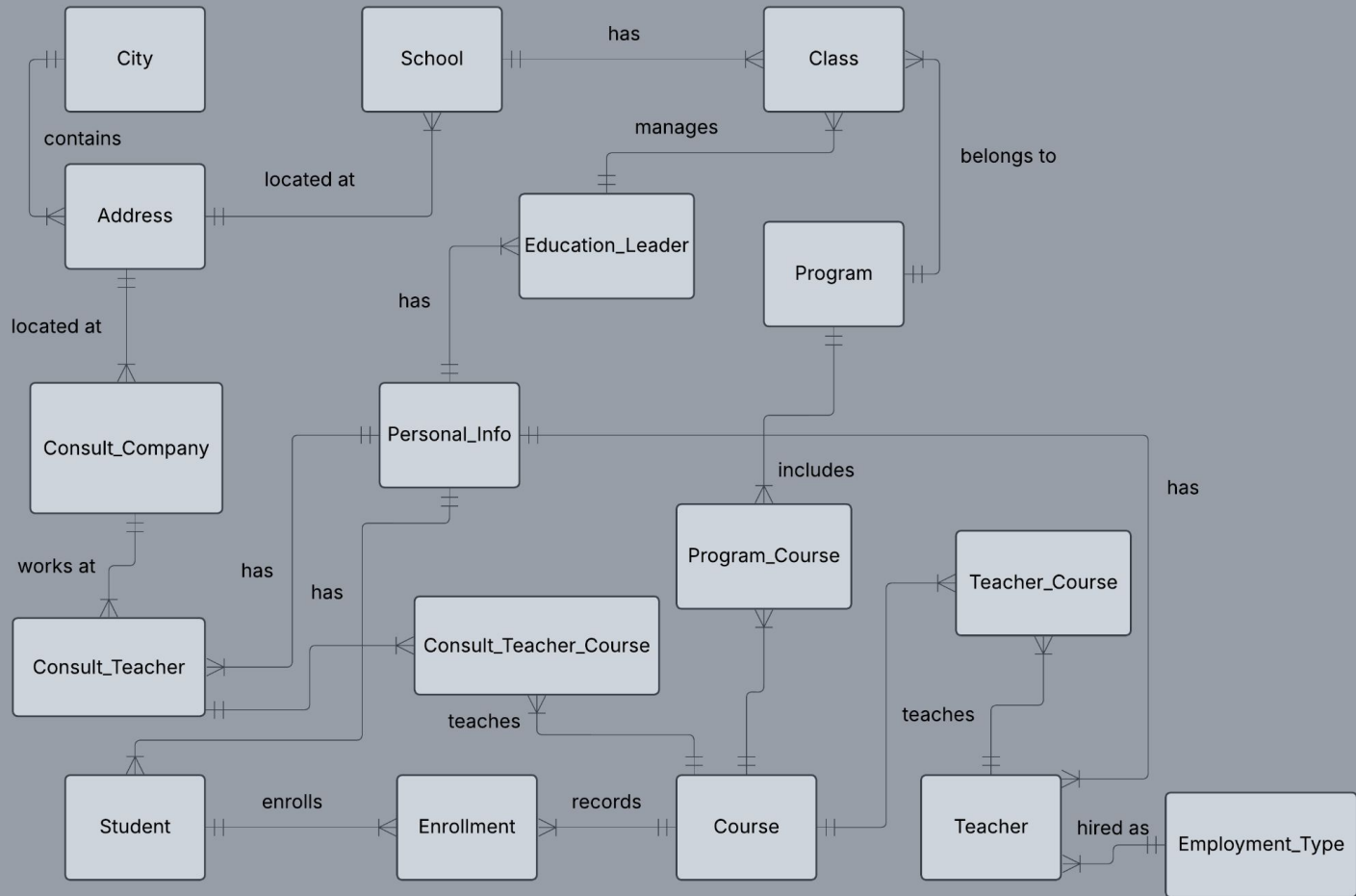


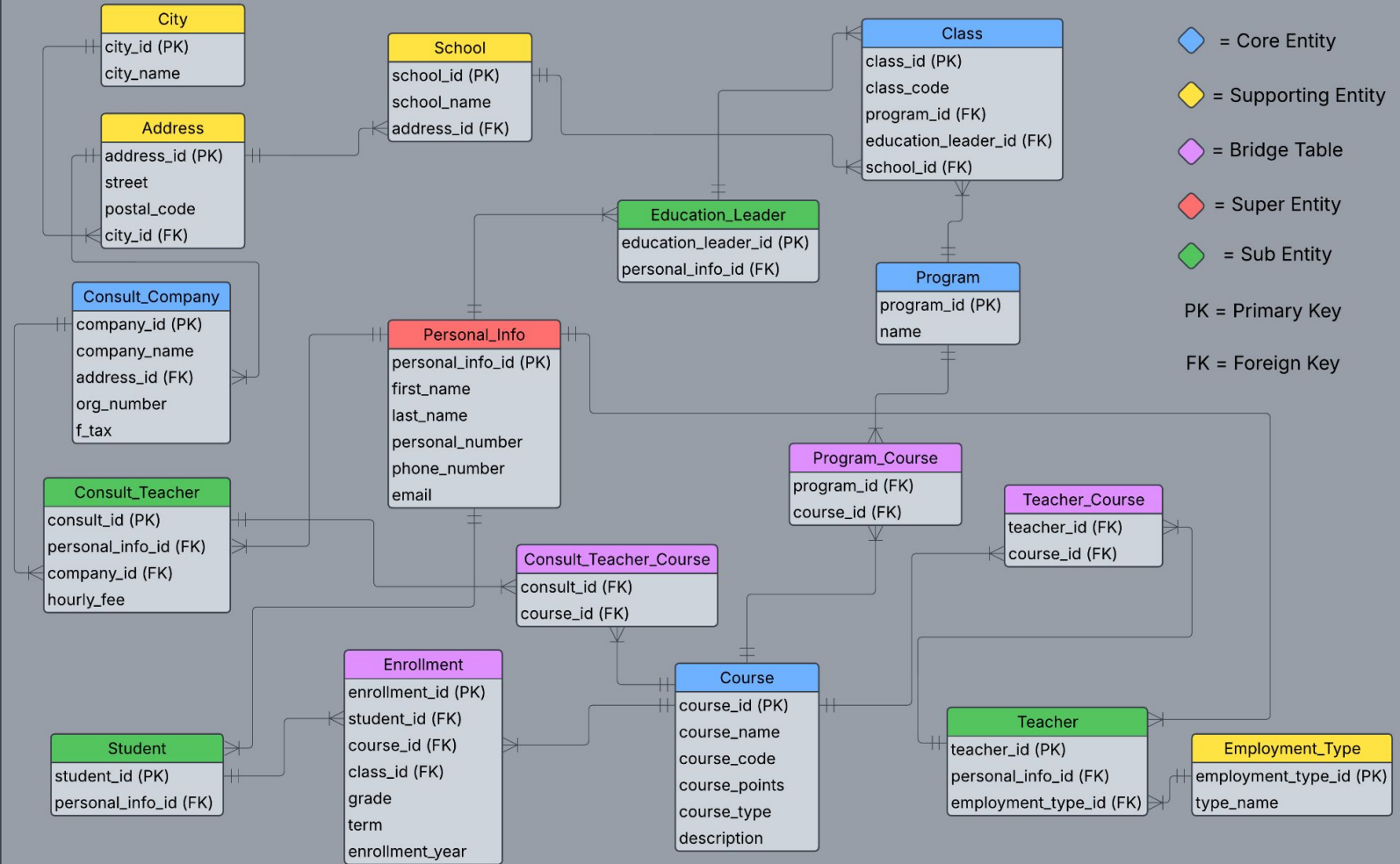
YrkesCo Database

Fredrik Kron DE24

Conceptual Model

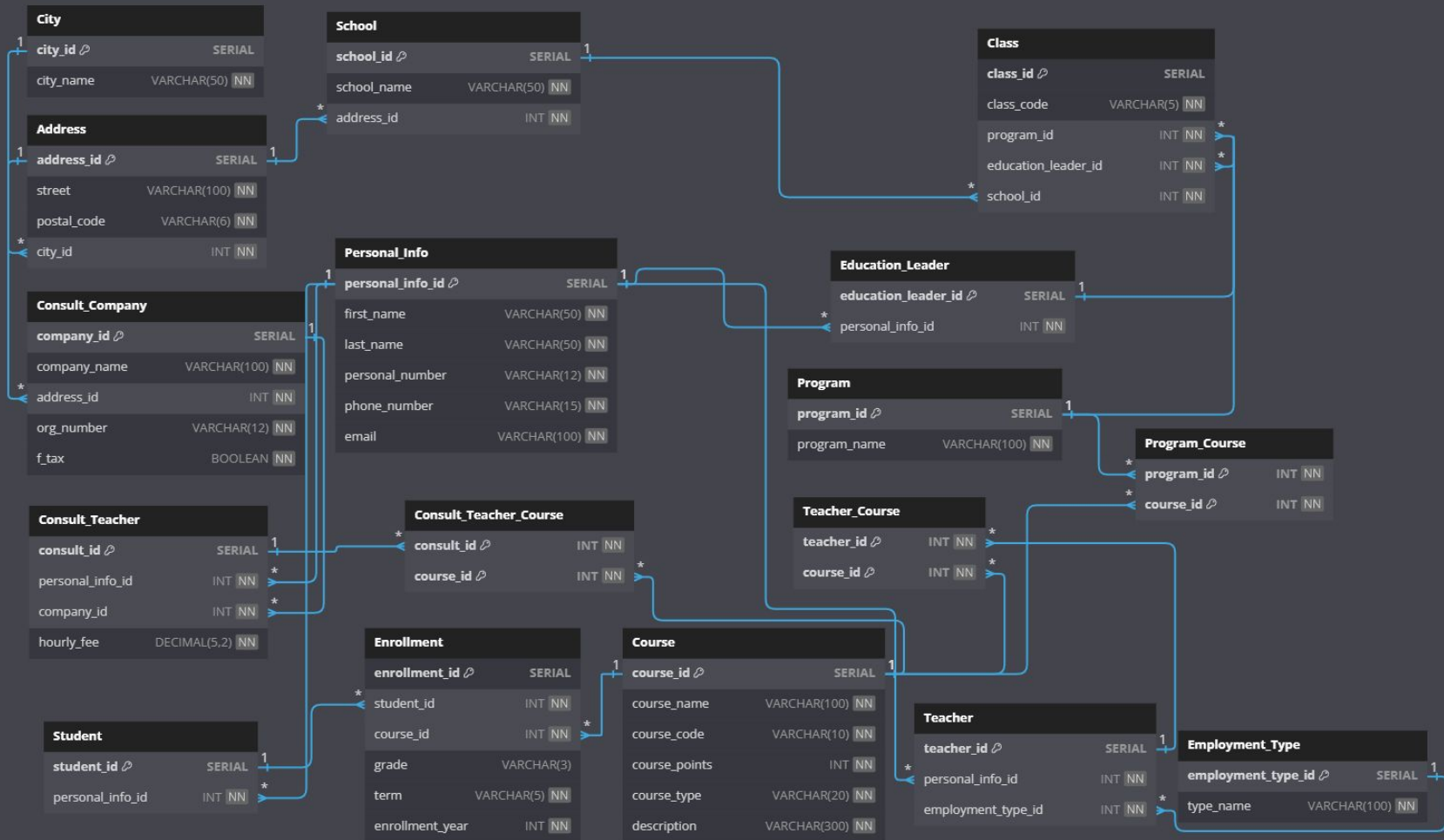


Logical Model

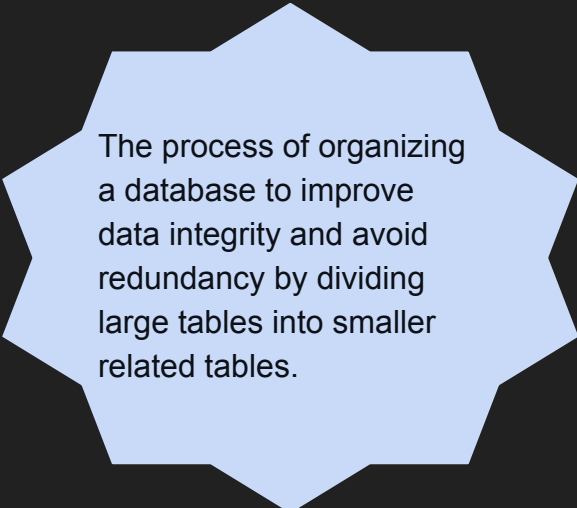


- ◆ = Core Entity
- ◆ = Supporting Entity
- ◆ = Bridge Table
- ◆ = Super Entity
- ◆ = Sub Entity
- PK = Primary Key
- FK = Foreign Key

Physical Model



Normalization



The process of organizing a database to improve data integrity and avoid redundancy by dividing large tables into smaller related tables.

First normal form (1NF)

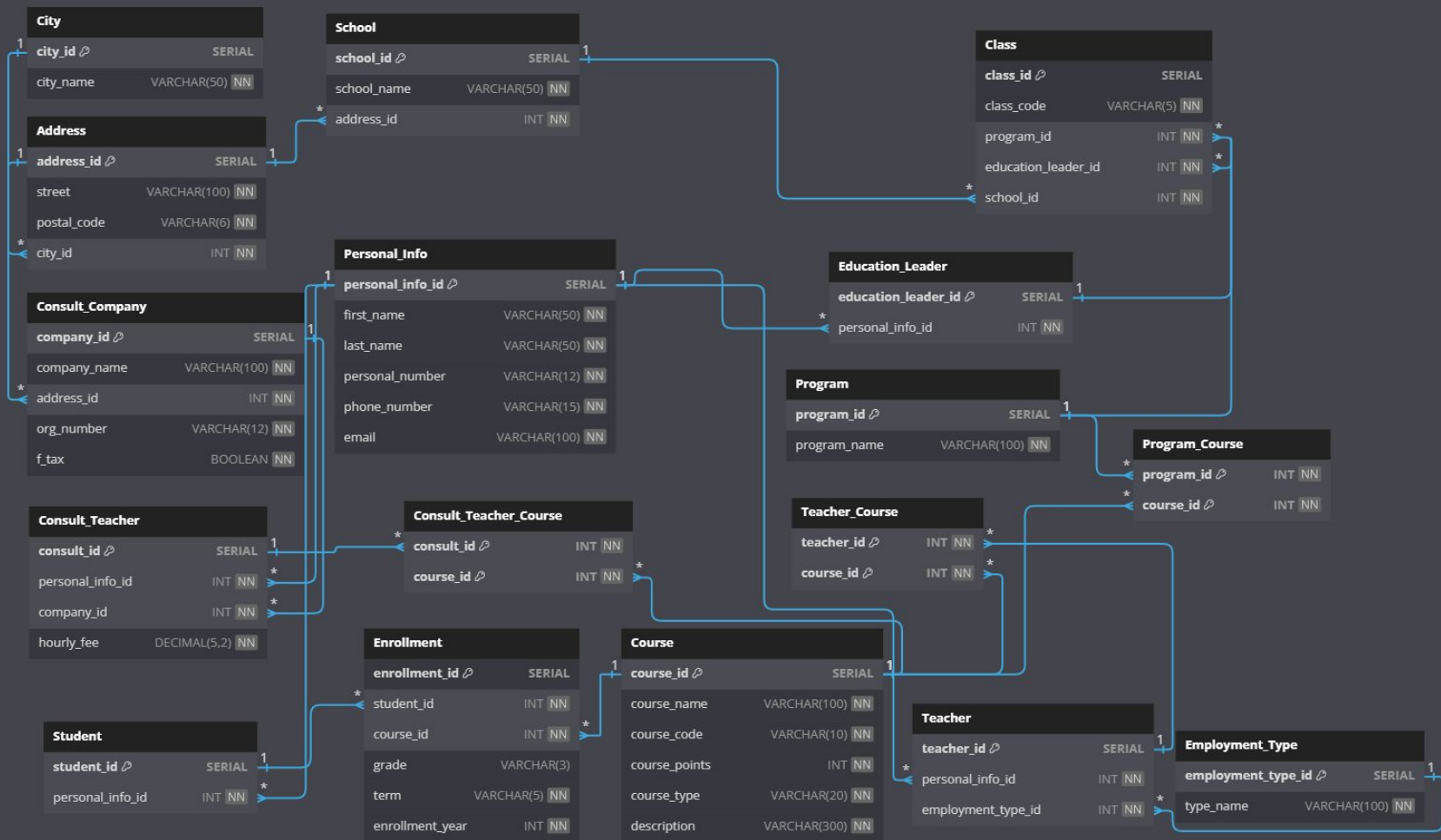
- Row order doesn't matter
- Primary Key in each table
- No repeating groups
- Uniform column data

Second normal form (2NF)

- 1NF
- Non prime attributes must be functionally dependent on entire PK, not just part of it

Third normal form (3NF)

- 2NF
- Non prime attributes depends on the key, the whole key and nothing but the key



Implementation

Potential Model Improvements

Thank You