IT Lyceum

# Database normalisatie.

## ­0th Normal Form (0NF)

student\_id, student\_name, student\_address, student\_postcode, student\_city, student\_class, teacher\_id, teacher\_name, teacher\_address, teacher\_postcode, teacher\_city, subject\_id­, subject\_name, class\_id, class\_name, schedule\_id, schedule\_date, schedule\_time, conversation\_id, conversation\_date, conversation\_content, manager\_id, manager\_name, manager\_address, manager\_postcode, manager\_city, account\_id, account\_username, account\_password, rol

## 1st Normal Form (1NF)

Eliminate repeating groups by separating the data into individual tables.

**Table: Students**

student\_id (PK), student\_name, student\_address, student\_postcode, student\_city, class\_id (FK)

## 2nd Normal Form (2NF)

**Table: Students**

student\_id (PK), student\_name, student\_address, student\_postcode, student\_city, class\_id (FK)

**Table: Teachers**

teacher\_id (PK), teacher\_name, teacher\_address, teacher\_postcode, teacher\_city

## 3rd Normal Form (3NF)

**Table: Students**

student\_id (PK), student\_name, student\_address, student\_postcode, student\_city, class\_id (FK)

**Table: Teachers**

teacher\_id (PK), teacher\_name, teacher\_address, teacher\_postcode, teacher\_city

**Table: Subjects**

subject\_id (PK), subject\_name

**Table: Classes**

class\_id (PK), class\_name, mentor

**Table: Schedules**

schedule\_id (PK), class\_id (FK), subject\_id (FK), teacher\_id (FK), schedule\_date, schedule\_time

**Table: Conversations**

conversation\_id (PK), student\_id (FK), teacher\_id (FK), conversation\_date, conversation\_content

**Table: Managers**

manager\_id (PK), manager\_name, manager\_address, manager\_postcode, manager\_city

**Table: Accounts**

account\_id (PK), user\_id (FK), account\_username, account\_password, rol