# Relational model:

Person(id, name, tax\_id, address, phone\_number, tag)

NOT NULL(id, name)

UNIQUE(id, tax\_id)

Student(id -> Person, institutional\_email, degree -> Degree, faculty -> Faculty, course -> Course, occurrence -> Ocurrence) // não sei se é preciso colocar depois das outras classes tipo: Faculty -> DegreeType -> Degree -> … -> Student

Professor(id -> Person, institutional\_email, classification)

Janitor(id -> Person)

Faculty(id, name, address)

NOT NULL(id, name, address)

UNIQUE(id, name)

DegreeType(code, name)

NOT NULL(code, name)

UNIQUE(code)

Degree(acronym, name, faculty -> Faculty)

NOT NULL(acronym, name, faculty -> Faculty)

UNIQUE(acronym)

Course(acronym, name, degree -> Degree)

NOT NULL(acronym, name, degree -> Degree)

UNIQUE(acronym, name)

Class(course\_acronym, number, course -> Course)

NOT NULL(course\_acronym, number)

UNIQUE(course\_acronym + number) // será que está certo assim?

// Aqui na ligação n-ária não sei bem como fazer o modelo relacional, não temos nenhum exemplo nos exercícios

Classroom(number, janitor -> Janitor, occurence -> Ocurrence, class -> Class, faculty -> Faculty) //como disse, não sei fazer bem n-ária, sublinhei para estarmos atentos

NOT NULL(number, faculty -> Faculty)

Occurrence(id, start\_time, end\_time, class -> Class)

NOT NULL(id)

UNIQUE(id)

CHECK(end\_time > start\_time)

Enrolled(student -> Student, course -> Course, classnumber)

Attendance(student -> Student, occurrence -> Occurrence, present)