Student

+ Id: String

+ Name: String

+ Face data

+ Absence: Number

Course

+ Code: String

+ Name: String

+ Number of Class: Number

Record

+ Arrived Time: Time

Class

+ Date: Date

+ Start: Time

+ Duration: Number

+ QR code

Student — * — * — Course

Student 1 — * Record

Course 1 — * Class

Record * — 1 Class

Constraint:

- Id and Code is unique
- Absence number must be smaller than number of class in a course
- Student can not record in a course that is not enrolled
- Arrived time must in the class time
- All number is positive