Student Attendence System

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1 Functions

Student

- Add and drop classes
- View attendance
- View grade

Teacher

- Create a course
- Give grade to the students
- Start a class, end the class
- View student attendance for a certain class

2 Tables

Student

- student_id string
- student_name string
- student_password string

Course

- course_id int
- course_department string
- course_number string
- course_section string
- course_name string

Teacher

- teacher_id string
- teacher_name string
- teacher_password string

StudentCourse

- sc_id int
- student_id string
- tc_id int

TeacherCourse

- tc_id int
- teacher_id string
- course_id int
- cr_id int
- time string # the format for time is something like

  $[\{`weekday' : `M', `start\_time' : `15 : 55', `end\_time' : `17 : 20'\}, \ldots]$

- semester string

Classroom

- cr_id int
- cr_name string
- cr_file string

Record

- record_id int
- tc_id int
- student_id string
- date_time string