

## **Create School management software**

Teacher Class :

id , name , age , email , salary ( Add all required validation )

Address Class :

area , street , buildingNumber ( Add all required validation )

Course Class :

id , name ( all should not be empty )

Student Class :

ID , name , age , major ( all should not be empty )

One To One relations:

Teacher – Address

One To Many relations:

Teacher – Course

Many To Many relations:

Coursre - Student

## Endpoints :

- Get all teachers
  - Add new teacher
  - Update teacher
  - Delete teacher
  - Add teacher address
  - Update teacher address
  - Delete teacher address
  - Get all courses
  - Add new course
  - Update course
  - Delete course
  - Get all students
  - Add new student
  - Update student
  - Delete student
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- Create endpoint that takes teacher id and return All teacher details
  - Create endpoint that take course id and return the teacher name for that class
  - Create endpoint that takes student id and major and change the student major ( changing the major will drop all the cousres that the student attended to )
  - Create endpoint that takes class id and return the student list