

Any word having double underlines: word

means it is a primary key and a foreign key

School(id, email, vision, mission, phone\_number1, phone\_number2, address, type, name, general\_info, main\_language, fees)

Elementary\_Level(id, supplies)

id reference School

Middle\_Level(id)

id reference School

High\_Level(id)

id reference School

User(id, username, password, role)

Course(id, name, grade, description, code, teacher\_id, school\_id)

teacher\_id references Teacher

school\_id references School

Student(id, first\_name, middle\_name, last\_name, email, birth\_date, ssn, gender, grade, username, school\_id)

school\_id references School

username references User

school\_appliedInBy\_student(school\_id, student\_id, accepted)

school\_id references School

student\_id references Student

Club(id, purpose, name, high\_level\_id)

high\_level\_id references High\_Level

Club\_joinedBy\_student(student\_id, club\_id)

student\_id references Student

club\_id references Club

course\_has\_student(course\_id, student\_id)

course\_id references Course

student\_id references Student

Course\_require\_Course(course\_id, required\_course\_id)

course\_id references Course

required\_course\_id references Course

Employee(id, first\_name, middle\_name, last\_name, email, address, birth\_date, phone\_number, mobile\_number1, mobile\_number2, role, gender, username, school\_id)

username references User

school\_id references School

Administrator(id, salary)

id references Employee

Announcement(id, date, description, title, type, admin\_id, school\_id)

admin\_id references Administrator

school\_id references School

Activity(id, date, location, type, equipment, description, teacher\_id, admin\_id, school\_id)

teacher\_id references Teacher

admin\_id references Administrator

activity\_joinedBy\_student(student\_id, activity\_id)

activity\_id references Activity

student\_id references Student

Teacher(id, years\_of\_experience, salary, supervisor\_id)

id references Employee

supervisor\_id references Teacher

salary = years\_of\_exp \* 500

Assignment(id, post\_date, due\_date, content, teacher\_id, course\_id)

teacher\_id references Teacher

course\_id references Course

Student\_solve\_Assignment(assignment\_id, student\_id, grade, solution)

assignment\_id references Assignment

student\_id references Student

Question(id, title, question, answer, student\_id, teacher\_id, course\_id)

student\_id references Student

course\_id references Course

teacher\_id references Teacher

parent\_rates\_teacher(parent\_id, teacher\_id, rate)

parent\_id references Parent

teacher\_id references Teacher

parent\_review\_school(parent\_id, school\_id, title, review)

parent\_id references Parent

school\_id references School

Parent(id, first\_name, middle\_name, last\_name, email, address,  
phone\_number, mobile\_number1, mobile\_number2, username)

username references User

Parent\_has\_student(parent\_id, student\_id)

parent\_id references Parent

student\_id references Student

Report(id, report, teacher\_id, student\_id)

teacher\_id references Teacher

student\_id references Student

parent\_repliesOn\_report(parent\_id, report\_id, parent\_comment,  
teacher\_comment)

parent\_id references Parent

report\_id references Report