

Announcement (ID, Date, Description, Type, Title, Username)

Announcement.Username references Administrator

Question (Number, Answer, Username, CourseCode,)

Question.Username references Student

Question.CourseCode references Course

Question-Teacher (Number , Username)

Question-Teacher.Number references Question

Question-Teacher.Username references Employee

Report (ID, Date, Teacher's comment, Teacher's Username, Student's Username,  
Parent's Username)

Report.Teacher's Username references Employee

Report.Student's Username references Student

Report.Parent's Username references Parent

Homepage (School's\_name, Content)

Homepage.School's\_name references School

Administrator (Username, Activity\_id, Homepage\_content)

Administrator.Username references Employee

Administrator.Activity\_id references Activity

Administrator.Homepage\_content references Homepage

Activity-Teacher-Administrator(Teacher Username, Administrator Username, ID)

Activity-Teacher-Administrator.Teacher Username references Teacher

Activity-Teacher-Administrator.Administrator Username references Administrator

Activity-Teacher-Administrator.ID references Activity

Assignment (Posting Date, Content, Due date, Teacher's Username, Student Username)

Assignment.Teacher's Username references Teacher

Assignment.Student's Username references Student

Activity (ID, Date, Type, Location, Equipment, Description, Teacher's Username,  
Administrator's Username)

Activity.Teacher's Username references Teacher

Activity.Administrator's\_Username references Administrator

Student-Activity (Username, ID)

Student-Activity.Username references Student

Student-Activity.ID references Activity

Teacher (Username, Years\_of\_Experience, CourseCode, Parent's\_username)

Teacher.Username references Employee

Teacher.Parent's\_Username references Parent

Teacher.CourseCode references Course

Where Teacher.Years\_of\_Experience = Current date - Start date

Supervisor (Teacher)

Constraint: Supervisor is a predicate-defined relation : Teacher.Years\_of\_Experience

Employee (Username, Salary, First name, Middle name, Password, Address, Email, School\_name)

Employee.School\_name references School

Review-Parent (ID, Username)

Review-Parent.ID references Review

Review-Parent.Username references Parent

Child (SSN, age, Parent's\_username, Name, Gender, Birthdate)

Child.Parent's\_username references Parent

where Child.age = Current date - Birthdate

Student (Username, SSN, Password, School\_name)

Student.SSN references Child

Student.School\_name references School

Child-School (SSN, Name)

Child-School.SSN references Child

Child-School.Name references School

School-phones (Name, Phone)

School-phones.Name references School

ParentPhone (ParentUsername, Phone)

ParentPhone.ParentUsername references Parent

Course (Code, Teacher'sUsername, Level, Description, Prerequisite, Name, Grade)

Course.Teacher'sUsername references Teacher

School (Name, Address, Phone Number, Email, Information, Vision, Mission, Fees, Type, Main Language, General Information)

Middle (Name)

Elementary (Supplies, Name)

High (Name)

Club (Purpose, SchoolName ,Name)

Club.SchoolName references School's name

Student-Club (Username, Purpose, Name)

Student-Club.Username references Student

Student-Club.Name references School's name

High-school-club (Purpose, Name)

High-school-club.Name references School's name