```
school(school_id,phone_num,type,main_lang,general_info,address,e-
mail,school_name,mission,vision,fees)

high_school(school_id)
              ---------
high_school.schoo_id references school


club(school_id,name,purpose)
     ---------
club.school_id references high_school



middle_school(school_id)
               ---------
middle_school.school_id references school



elementary_school(school_id,list_of_supplies)
                   ---------
elementary_school.schoo_id references school


child(SSN,gender,name,birthdate,age,parent)
child.parent references parent


student(SSN,password,user_name,grade,school_id)
         ---
student.SSN references child
student.school_id references school

parent(username,password,first_name,last_name,
       ----------
e-mail,home_num,address)


parent_phone_num(username,phone_num)
                  --------
parent_phone_num.uername references parent



course(Code,Name,Grade,Description)

employee(Username,password,first_name,middle_name,last_name,Gende
r,address,birthdate,e-mail,salary,school_id)
employee.school_id references school
```

```
teacher(uesername,years_of_exp,is_supervisor)
        ----------
teacher.username references employee
where tracher.is_supervisor = (teacher.years_of_exp >15)

adminstraitor(username)
              ----------
adminstraitor.username references employee



announcement(admin,timedate,type,title,description)
              ------
announcement.admin references adminstraitor

activity(admin,teacher,timedate,type,location,equipment)
         -------------
activity.admin references adminstraitor.username
activty.teacher references teacher.username

assignment(course,num,teacher,due_date,post_date,content)
           ------    -------
assignment.course references course
assignment.teacher references teacher

solved_assignment(student,course,assignment_num,time,percentage,i
s_marked)         ----------------------------
solved_assignment.student references student.SSN
solved_assignment.assignment references assignment.num
solved_assignment.course references course.code

question(student,course,timedate,content)
         --------------
question.student references student.SSN
question.course references course.code

answer(q_student,q_course,q_timedate,teacher,content)
       -------------------------------------
answer.q_student references question.student
answer.q_course references question.course
answer.q_timedate references question.timedate
answer.teacher references teacher.username

monthly_report(student,teacher,comment,timedate)
               ---------------
monthly_report.student references student.SSN
monthly_report.teacher reference teacher.username
```

```
joins(SSN,school_id,club_name)
       ------------------------
Joins.SSN references student

Join.(School_id, club_name )references club



Applied(SSN, school_id)
        ---------------
Applied.SSN references child

Applied.school_id references school



Reviews(username,school_id, content)
         ------------------
Reviews.school_id references school

Reviews.username references parent



Replies(parent, teacher, SSN,report_timedate content)
         ------------------------------------
Replies.parent references parent

Replies.teacher references monthly_report

Replies.SSN references monthly_report

Replies.report_timedate references monthly_report



Rates(Parent, teacher, rating)
      ---------------
Rates.parent references parent

Rates.teacher references teacher
```

```
Enrolled_in_courses(student,course)
                    ----------------
Enrolled_in_courses.student references student

Enrolled_in_courses.course references course




Participates(student,admin,teacher)
             ---------------------
Participates.student references student
Participates.admin references activity
Participates.teacher refernces activity

Is_prerequisite(course1,course2)
                ---------------
Is_prerequisite.course1 references course
Is_prerequisite.course2 references course



Taught_by(course,teacher)
          ----------------
Taught_by.course references course
Taught_by.teacher references teacher

Supervies(supervisor,teacher)
          -------------------
Supervises.supervisor references teacher
Supervieses.teacher refferencess teacher
```