

Milestone 2

October 2016

- Schools (id, name, address, mission, vision, language, general_info, fees, type, min_grade, max_grade, email)
- Level_School(school_id, level) where school_id references Schools
- Phone_School (school_id, phone) where school_id references School
- Supplies (name, school_id, grade) where school_id references Schools
- Clubs (name, school_id, purpose) where school_id references School
- Students (ssn, school_id, name, username, password, gender, birthdate, age, grade, level, id) where school_id references School where age = current_date - birthdate, grade = age - 5
- Parents (id, username, password, f_name, l_name, email, address, home_phone)
- Mobile_Of_Parent (parent_id, mobile) where parent_id references Parents
- Parent_Of_Student (parent_id, child_ssn) where parent_id references Parent and child_ssn references Student
- Club_Member_Student (student_ssn, school_id, club_name) where student_ssn references Student and (school_id, club_name) references Club
- Parent_Review_School (school_id, parent_id, review) where school_id references School and parent_id references Parent
- School_Apply_Student (student_ssn, school_id, parent_id) where student_ssn references Student and school_id references School and parent_id references Parent
- Employees (id, school_id, f_name, m_name, l_name, username, password, email, gender, address, birthdate, salary, start_date, age) where school_id references School and age = year(current_date) - year(birthdate)
- Administrator (id) where id references Employees

- Teachers (id, start_date, exp_years) where id references Employees and exp_years = year(current_date) - year(start_date)
- Teachers_Supervising_Teachers (teacher_id, supervisor_id) where teacher_id and supervisor_id reference Teachers
- Activity (name, school_id, admin_id, teacher_id, date, time, equipment, description, type) where admin_id references Administrators and teacher_id references Teachers, school_id references Schools.
- Activities_JoinedBy_Students(student_ssn, name, school_id) where student_ssn references Student and (name, school_id) references Activity
- Announcements (title, date, school_id, admin_id, type, description) where admin_id references Administrators, school_id references Schools
- Courses (code, name, description, grade, level)
- Courses_Prerequisite_Courses (pre_code, code) where pre_code and code reference Course.
- Parents_Rate_Teachers(parent_id, teacher_id, rating) where parent_id references Parents and teacher_id references Teachers
- Questions (q_id, course_code, content, student_ssn,) where student_ssn references Student and course_code references Course
- Answers (answer_sub_id, q_id, course_code, teacher_id, answer) where q_id references Questions and teacher_id references Teachers
- Assignments (assignment_number, course_code, school_id, teacher_id, post_date, due_date, content) where course_code references Courses and teacher_id references Teachers and school_id references Schools
- Solutions (student_ssn, assignment_number, course_code, school_id, solution) where student_ssn references Students and (assignment_number, course_code, school_id) reference Assignments
- Teachers_Grade_Solutions (student_ssn, assignment_number, course_code, school_id, teacher_id, grade) where (student_ssn, assignment_number, course_code, school_id) reference Assignments and teacher_id reference Teachers
- Courses-TaughtTo_Students_By_Teachers(student_ssn, course_code, teacher_id) where student_ssn references Students and course_code references Courses and teacher_id references Teachers
- Reports (date, student_ssn, teacher_id, comment) where student_ssn references Students and teacher_id references Teachers

- Parents_Reply_Reports (parent_id , date, student_ssn, teacher_id, content)
where date, student_ssn, teacher_id reference Report and parent_id references Parents