**Case study of school management system**

**Project description:**

This project is School Management System is a database project which contain and store the information of the student of the school, employee working in the school as administrators, teacher that teaches the subject to the student and the parents of the student.

**Project details:**

School management system is a software which manages student’s reg#, attendance records, report cards management, official transcripts, preparation of time tables, keeping records for teachers students and their folks In our system we will keep a number of record related to students and their grades in this system students are able to only view their results however teachers or faculty members have authority to update the result teacher may want to link a student with his parent or emergency numbers for disciplinary measures which need searching of the students record int the record office. It has been difficult to search a record of thousands of such records and observes that students can take person claiming that he/she is their parent or emergency person which creates problem in control of discipline.

* The School Management System will store the enrolment of the Student {student ID, student name (first name, last name), date of birth, Address, gender, phone no for contact, parent id, teacher ID for the teacher that he\she are teach by and fee of student}
* The School Management System will also store the information of parents {parent id, parents name(first name, last name), phone number and the relationship (father\mother\guardian)}.
* The SMS also have the information about teacher’s data {teacher, teacher name(first name, last name), salary, phone number, their address, admin id by which thy are hired, subject id (which subject they are teaching)}
* The administration of the school are the part of school so we will also have record of administration {admin id, their name (first name, last name), address, phone number, salary, their rank in school}
* SMS will also have record about subjects {subject id, subject name and subject weightage}
* The SMS will also keep record of each student transcript {transcript id, student id, result (pass,fail), grade, position, contain marks and total marks}]
* The SMS will also contain subjects which are which are studying by student {subject id, subject Name, marks, passing marks, academic year}
* The SMS will also keep record of employees { employee id, employee name(first name, last name ), date of birth, occupation, email, gender, qualification, father name, father phone number, address, employee phone number, salary}
* Student attendance is also necessary for classes and subject so attendance contain{student ID, teacher ID, date and time , subject id, academic year, attendance status}
* The SMS will also contain information about student timetable{ student id, subject id, time, days}

*s We may changes table structure if we required to change it*