**School Management System**

**Case Study**

The School Management system basically keeps track of School’s Students, Faculty , Courses, Library, Time table, Attendance, Fee Structure, Grades And Academic Record .

* The School Management System will store each student’s First name, Last Name, CNIC, cell #, Gender, Date of Birth, Email, Address, Father’s Name and Registration id, which would be unique for every student.
* The SMS will store each Faculty member’s First Name, Last Name, ID, CourseID, CNIC, cell#, Gender, Join Date, Working Hours, Faculty Type, Salary, Address, status and experience.
* It will also keep track for courses studied by the students and the courses that are being taught by the teachers. It will store CourseID, StudentID, TeacherID, Course Name, ClassID , GradeID and Credit Hours.
* It will further track the Library Management and will store Book\_id, Issue Date, Due date and StudentID.
* School Management System will also keep record of the Time Table by storing Time, Venue, ClassID, CourseID, Course Name, TeacherID, StudentID.
* It will keep track of the attendance of the Student by storing StudentID, Date, Status and No of Classes.
* The system will also manage the fee structure by Storing StudentID, GradeID, Scholarship and CourseID.
* The grades for each student will be calculated using StudentID, CourseID, GradeID.
* It will also generate a report on the student’s yearly Academic performance by storing Mid\_term Grade, Final\_term Grade and overall\_Grade.

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