**DB – Project**

**Conceptual Schema**

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This document describes a database design for ‘School Management System’. It consists of all the requirements of the system. This database keeps track of students studying, their fee and result.

* This system consists of login details of the employees that can access this management system. Each row has a unique login-id, password and unique employee-id.
* This system will store each employees’ unique employee-id, name, CNIC, gender, primary phone, emergency phone, address, e-mail, marital status and the role he plays in the school i.e. principal or teacher or an admin member.
* This system will store each students’ unique student-id, name, fathers name, unique B.Form number, fathers phone, mothers phone, emergency phone, address, e-mail, gender and class-id i.e. the class he/she studies in. It will also store his/her result for the term with grades.
* This system will store details of each class, in the form of unique class-id/room number, class (grade), section and class teacher.
* This system will store fee details of each student as unique student-id, fine, discount/scholarship and any miscellaneous charges.
* This system will store details of subject, as in subject-id, subject name, class/grade (it is taught to).
* This system will store timetable details that will be followed by each class. Storing unique class-id/class room, unique teacher-id, subject-id and timing/time slot.