**Database Management System**

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**Section – D**

**Case Study**

**(School Management System)**

In this Database called School management System keep track of school related data on Students, Teachers, Staff and its finances and is used to manage it very efficiently.

* In this System we store Student records in it, and Every Student is link with his teacher, books (which he is studying), Section (which Section), and Time Table also (in which mentioned that his all timing of student classes).We can check all student record very efficiently.
* Similarly, We store teacher record in it, and every teacher is link with his Section (which he taught), Book (which subject), TA’s (if Exists),and also link with, and also link with Account office(In which information of teacher’s Salary mention).We can also check all teacher record very efficiently.
* In this System every Subject is link with teacher or Students, Like Math, Urdu, English etc. And will keep track of all subject containing unique Id and name.
* Timetable is database which keep track of all lecture timing containing Subject id from Subject Database and teacher Id from Student database, venue, Time.
* A database called fees will keep record of monthly fees of each student .Monthly fee, discount, sibling discount, fine is included.
* The records of employees are stored in staff database containing unique ID, details about their work, salary.