**L1F17BSCS0495**

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**Section-B**

**Conceptual Schema of School Management System**

The school requires a record of students which stores information like their name, enrolled id, address, email, age phone number, date of enrollment, class.

The parent’s/guardian’s details such as their name, addresses and contact details are also saved, parents can have more than one children enrolled in school.

Staff and faculty members information such as name, address, qualification, job title, address and contact details is also to be stored.

Teachers will teach certain subjects in given time slot in a classroom.

Each classroom will have some students enrolled and a teacher to teach a subject per slot.

Attendance of students for every subject the are registered in is also to be maintained.

School Library keeps information of books and their authors and only students with library pass can borrow a book.

A fine is imposed if the book isn’t returned past the due date. The fine is added to the fee of students. Status of fee is also to be stored.

A teacher can teach one subject in one classroom in one time slot.

Student can take many courses, only subject can be taught at one time slot in a class.

The grade of the student is generated on basis of quizzes, assignments, and optional projects.

Subject\_Reports are generated for every student for every course they are registered in, teachers remarks are also stored.

Final Grade is generated for every student at the end of semester or academic year and is kept stored.