

Name: Shehryar Khan
Roll # L1F17BSCS0436
Section : B

CASE STUDY

The School Management System keeps track of **Students, Students_Guardian, Teacher, Studies, Subjects, Class, TimeTable, Fees, Result** and **School_Branch**.

- The database will store for the table Students **unique** std_id, fname, lname, gender, email, class_id, b_form, address., branch_id.
- The database will store for the table Students_Guardian a **unique** std_id, mother_name, father_name, mother_cell, father_cell, mother_cnic, father_cnic.
- The database will store for the table Teacher a **unique** t_id, fname, lname, gender, cnic, cell_no, email, address, martial_status, salary, branch_id.
- The database will store for the table Subjects a **unique** sub_id, sub_name, class_id.
- The database will store for the table Studies a combination of std_id, t_id and sub_id as a **unique tuple**.
- The database will store for the table Class a **unique** class_id, class_name.
- The database will store for the table School_Branch a **unique** br_id, name, address.
- The database will store for the table TimeTable a **unique** id, time, class_id, t_id, sub_id.
- The database will store for the table Fees a **unique** std_id, fee, scholarship, fine.
- The database will store for the table Result a **unique** id, **unique** (std_id, sub_id), grade.