**School Managemnet System**

**Project developed in windows Desktop Qt Creator 5.11.2 for kits MinGw 32 bit using C++11 all screen resolution for 1366\*768.**

**Please in application exe path same folder used files folder having subfolder Icon which contains all buttons icons and toolbars icons and student images.**

**When application will run first time Database will create at same loaction where exe is present. Database name is SchManagSysDB.**

initdb.h

Using static function Create Database named as SchManagSysDB and create different tables and add default entries in userinfo table for first time login using Admin and superUser.

variablemanager.cpp:

This is Singleton class used for de,mo purpose and used encapsulation feature get and set method to access time and update continue using connect signal slot .

customreportmodel.cpp

This class use Inheritance feature and it is inheritated by QSqlQueryModel class used to set query model in tableview Ui .

logwindow.cpp

This class having UI window used for user login using user name and password . user name checked if it is email or not using @gmail.com contains function. Set password length upto 8 chars. Used Sqlite queries like select, delete, Update .

usereditor.cpp

This class having UI window used to modification in Username password and theirs levels. Sqlite queries used.Get Authentication password for SuperUser level modification this level is only for developers team.

Homescreensms.cpp

This is welcome window and having all section buttons. Database connection creatd in Constructor.Buttons are initially hide and shows depending upon user level after login success. In this class used signal and slots with arguments and without arguments.Used timer to update current time on screen.

eventssection.cpp

Used tableview to show event data from sqlite database table . Having buttons to export tableview data into CSV format and it will open in excel .

studentsection.cpp

Used mutiple tabs for homework and holidays details.Used list view to list out subjects . after double click on subject info will display as per student name in DB table.used tableview for holidays info.

parentsection.cpp

Used multiple tabs for child info , Direct message and notice. As per parent name resp. student name and image will be display. All tabs data read from local database.