# EduBridge



A

Project Report

On

"SCHOOL

**MANAGEMEN** 

T SYSTEM"

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# SCHOOL MANAGEMENT SYSTEM

The school management system is developed to help staff do less work, help students and teachers save time, cut costs, and improve data security. All of these things will eventually make an institution more cost-effective and productive. It is also able to secure important data of students and educators that every educational institution needs.

Data security and management are very important parts of the school management system. This makes sure that every student in the school is kept up to date. Educators' and students' names, parents' names, transaction history, and other achievements are all stored. Monitoring and keeping track of notes, remarks, incidents, and other actions such as internal documents and

workflows are included in the system. It is individuals who make and manage timetables. Keeping track of exams, assessments, grades, and progress in school is all managed by the software.

- There is a lot of paper used to keep track of student information, their results, and their performance.
- Manual systems are difficult to locate and update with information about students, their grades, and how well they performed in class.
- The manual system doesn't protect the academic information that could be lost if it were lost.
- There are some things that the school doesn't tell parents or teachers about, so they don't know about them.

# PROJECT SCOPE

This system is designed to be easy for people to use and efficient for a wide range of different tasks. These tasks may include things like registering new students, managing fees, managing exams, and all the other things that make the administrative department of a school work well.

- School Information Management: This module will show the information about a specific school whether it is primary, secondary, or tertiary. The school information includes the number of rooms and labs they have as well as the count of teachers and students.
- **Student Management**: The information of the student must also be managed in school management because the student information was the most important data that the system should process.
- **Grading System**: The grading system module will sum up and calculate the given output by the students and the result would the academic performance of every student. This will monitor the student's performance and behaviour throughout the period.

#### **EXISTING SYSTEM**

In the present School Management System, it is uneasy to store the information related to students, faculty and parents on the paper. As there is too many information when someone tries to access any of stored information

it becomes a difficult and time-consuming task. While these days parents and faculty have more work than just take care of students it is difficult for both parents and faculty to monitor them. Whereas the storing and retrieving an information is a difficult task, it also requires much amount of unnecessary worker to do the task.

#### PROPOSED SYSTEM

The school management system will manage all the work in any school in particular order so that the time requirement and complexity of the system will be reduced, at first it will focus on student related information. As a student gets the admission in the school system will start managing the details regarding the students. It will manage the fee details, and if the full payment has not done, then it will notify about the fee to a staff of the school. School Management System will then display the date of the test and when the test completes it will display the results of the students. While the parents can use it to monitor their children's performance, also they can contact with the teachers.

# SCHOOL MANAGEMENT SYSTEM MODULE

# **HARDWARE REQUIREMENTS:**

• Processor : Intel Pentium 4

• Hard disk: 2GB

• Ram: 512 MB

• Operating System:Windows 10

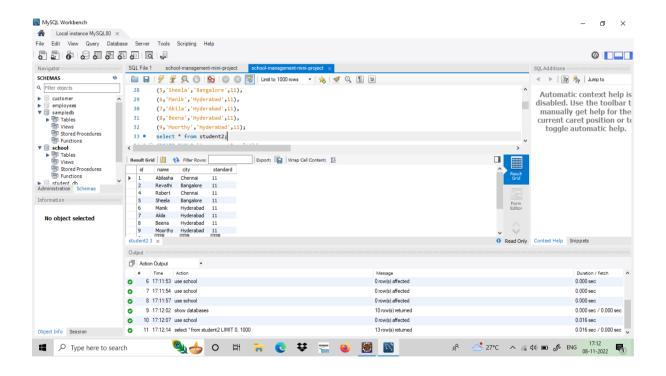
# **SOFTWARE REQUIREMENTS:**

• Language used : Java

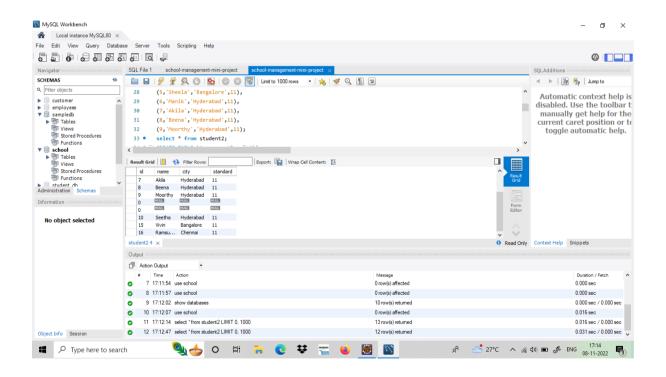
• Database: Mysql

• Tools used:Eclipse(IDE),Mysql Workbench 8.0

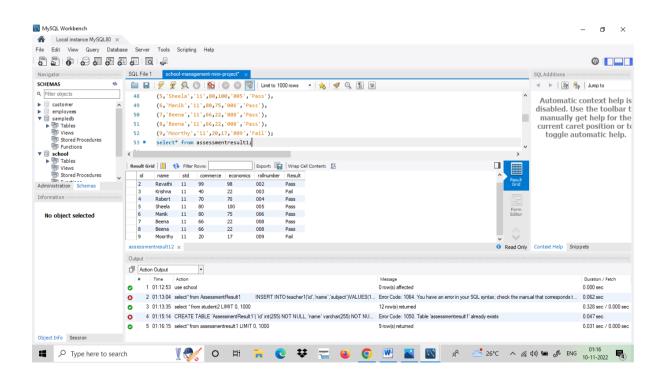
#### CREATION OF TABLES IN A DATABASE



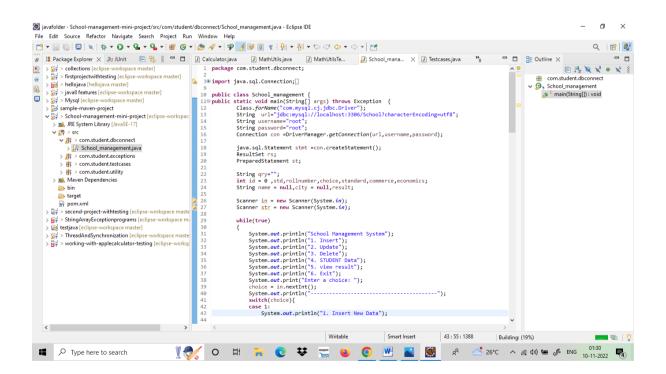
#### CREATION OF STUDENT TABLE



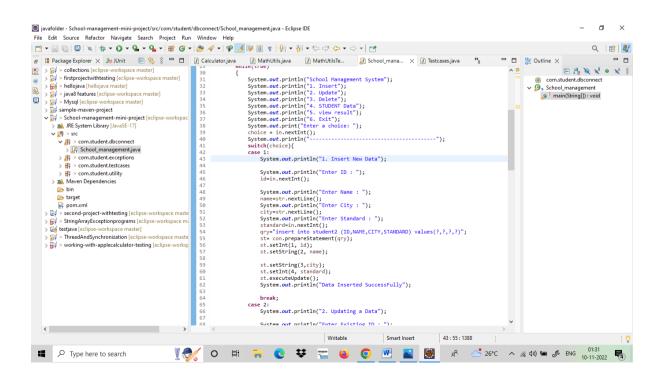
#### CREATION OF STUDENT ASSESSMENT TABLE



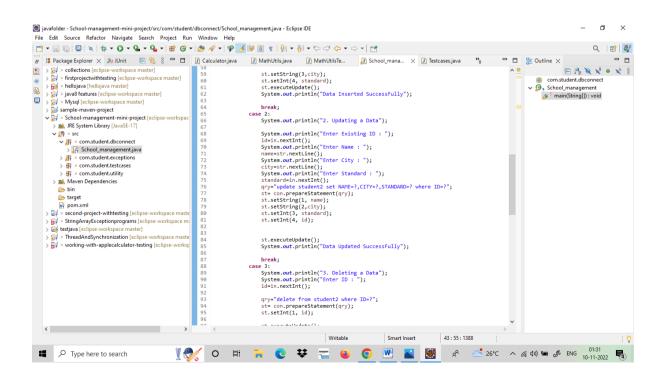
# CONNECTION OF ECLIPSE WITH MYSQL WORKBENCH USING JDBC CONNECTION



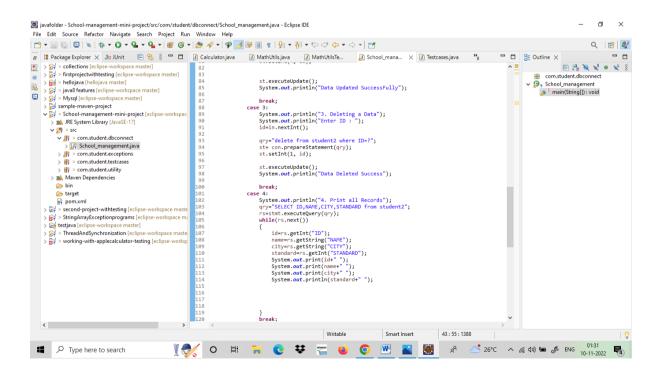
#### INSERTING A NEW RECORD IN THE DATABASE-INSERTION



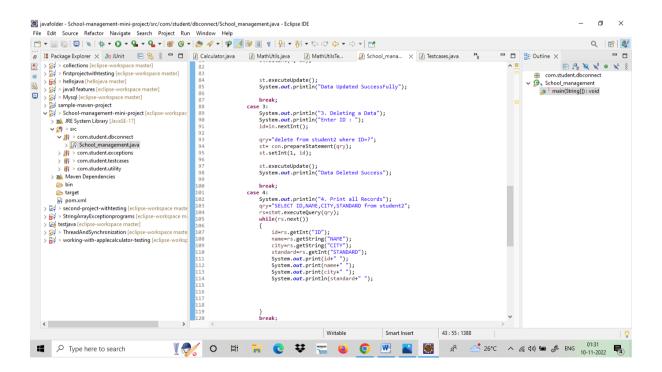
#### UPDATING A RECORD IN THE DATABASE-UPDATION



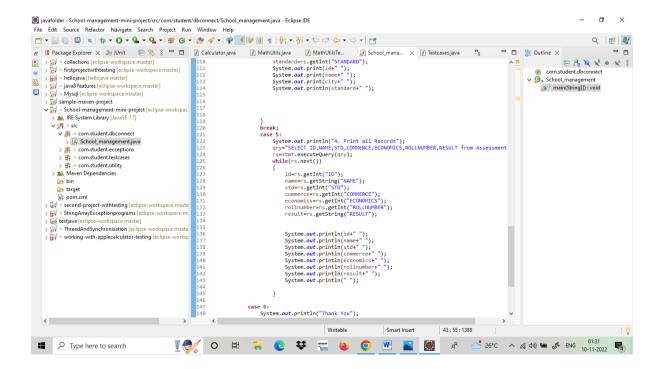
#### DELETING A RECORD FROM THE DATABASE -DELETION



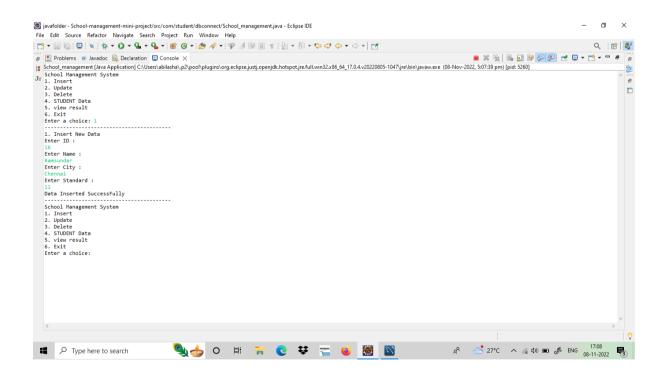
#### CODE FOR STUDENT



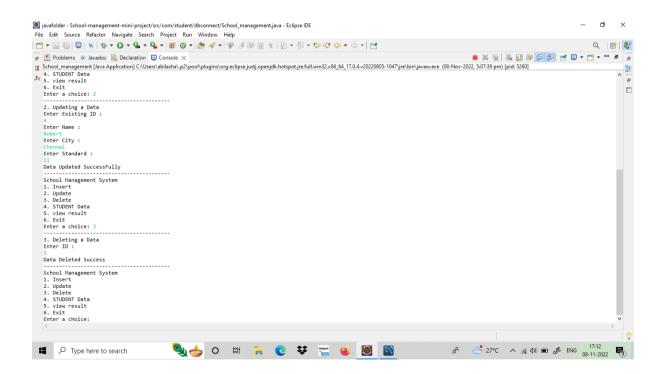
#### CODE FOR STUDENT ASSESSMENT



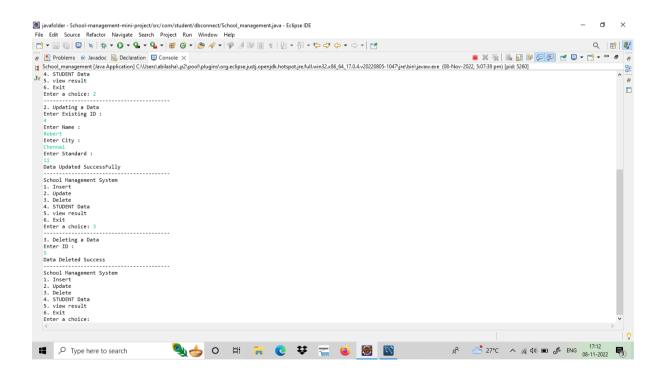
# **OUTPUT FOR DATA INSERTION**



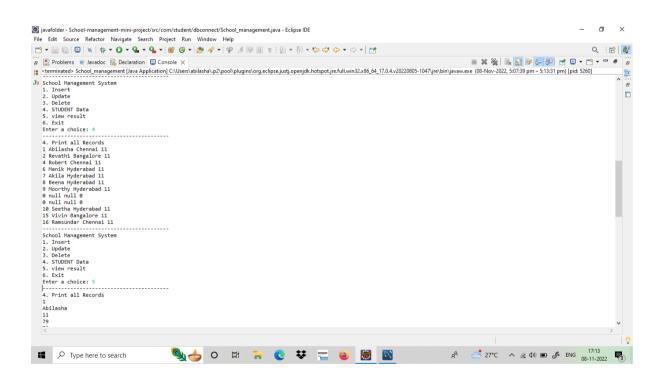
#### **OUTPUT FOR DATA UPDATION**



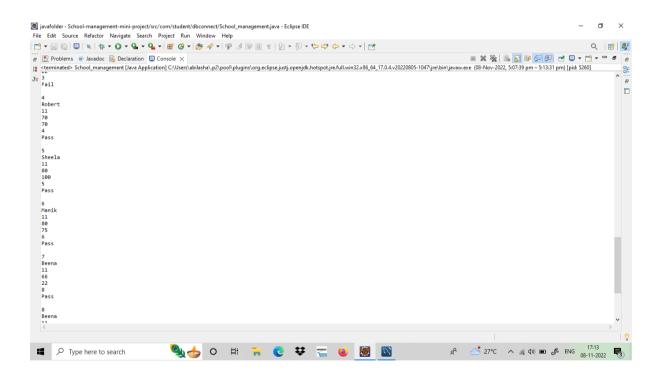
#### **OUTPUT FOR DATA DELETION**



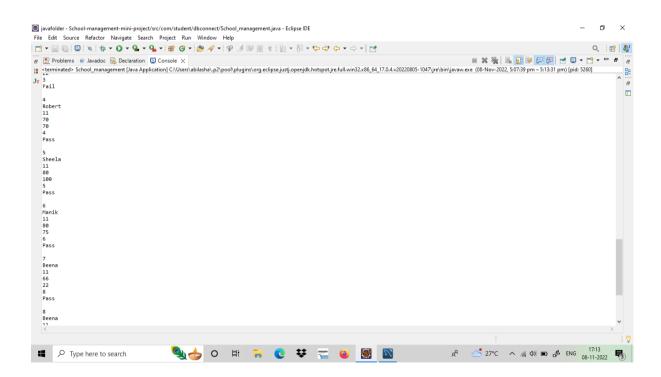
# OUTPUT FOR STUDENT DATA



# OUTPUT FOR STUDENT ASSESSMENT DATA



#### OUTPUT FOR VIEWING THE RESULT



#### **OUTPUT FOR EXIT OPERATION**

