

# EduBridge



A Project

Report On

## **STUDENT MANAGEMENT** **SYSTEM**

By

Batch: 2022 – 7905

Center: Trichy – ThillaiNagar

Under the Guidance of,

**Chittaranjan Ghosh.**

Technical Trainer

**EduBridge**

(School Of Coding)

**Introduction:**

The Student Management System Project manages the student information in the college or school or institution. It improves the existing systems. It has the facility of maintaining the details of the student and reduce the manual work time. This project helps to create, update, view the student's data of Name, Id, Address, Age, Course, Fees maintains. The Project can be accessed throughout the college or school or institution with proper Login provided.

**Modules:**

- Create Account
- Login Account
- Student Database

I have developed this project in Java8 and MySQL.

**Create Account:**

In this project, Starting with Two different options, First one is Create Account. Once you choose this option, Enter your name, Id, Address, Age, Course, Fees, Username, Password. Your Account is created successfully.

**Login Account:**

This is a second option, Open the new option, enter the username and password. If its correct go to next option of the portal.

**Student Database:**

This is the portal for managing the data. Your Username and password are correct this page is open. Then you check your database, and marks, fees details, etc.,

**Software Requirements:**

**Back-end:** Java

**IDE:** Eclipse-Workspace

**Operating System:** Windows

# Data Dictionary:

## Database: studentdb

```
MySQL 8.0 Command Line Client
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 14
Server version: 8.0.31 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> use studentdb;
Database changed
mysql> select * from account;
+-----+-----+
| Username | Password |
+-----+-----+
| 123      | 123      |
+-----+-----+
1 row in set (0.00 sec)

mysql>

mysql> use studentdb;
Database changed
mysql> select * from account;
+-----+-----+
| Username | Password |
+-----+-----+
| 123      | 123      |
+-----+-----+
1 row in set (0.00 sec)

mysql> select * from studentlist;
+-----+-----+-----+-----+-----+-----+
| Student_Name | Student_ID | Address | Age | Course | Fees |
+-----+-----+-----+-----+-----+-----+
| Abc          | 101        | Chennai | 22  | MCA     | 60000 |
| Xyz          | 102        | Chennai | 20  | BCA     | 40000 |
| Ijk          | 103        | Chennai | 22  | MCA     | 60000 |
| Mnoo         | 104        | Chennai | 20  | BCA     | 60000 |
| Aaa          | 105        | Chennai | 21  | BA      | 60000 |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> select * from course_fees;
+-----+-----+
| Course | Fees |
+-----+-----+
| MCA     | 60000 |
| BCA     | 40000 |
| BSc     | 30000 |
| BA      | 25000 |
| MA      | 35000 |
+-----+-----+
5 rows in set (0.00 sec)

mysql> describe account;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Username | varchar(25) | NO | | | |
| Password | varchar(25) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql>
```

```
MySQL 8.0 Command Line Client
1 row in set (0.00 sec)

mysql> select * from studentlist;
+-----+-----+-----+-----+-----+-----+
| Student_Name | Student_ID | Address | Age | Course | Fees |
+-----+-----+-----+-----+-----+-----+
| Abc | 101 | Chennai | 22 | MCA | 60000 |
| xyz | 102 | Chennai | 20 | BCA | 40000 |
| ijk | 103 | Chennai | 22 | MCA | 60000 |
| Pnop | 104 | Chennai | 20 | BCA | 60000 |
| Aaa | 105 | Chennai | 21 | BA | 60000 |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> select * from course_fees;
+-----+-----+
| Course | Fees |
+-----+-----+
| MCA | 60000 |
| BCA | 40000 |
| BSc | 30000 |
| BA | 25000 |
| MA | 35000 |
+-----+-----+
5 rows in set (0.00 sec)

mysql> describe account;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Username | varchar(25) | NO | | NULL | |
| Password | varchar(25) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> describe studentlist;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Student_Name | varchar(30) | NO | | NULL | |
| Student_ID | int | NO | PRI | NULL | |
| Address | varchar(50) | NO | | NULL | |
| Age | int | NO | | NULL | |
| Course | varchar(10) | NO | | NULL | |
| Fees | double | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)

mysql>
```

```
MySQL 8.0 Command Line Client
+-----+-----+-----+-----+-----+-----+
| Aaa | 105 | Chennai | 21 | BA | 60000 |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> select * from course_fees;
+-----+-----+
| Course | Fees |
+-----+-----+
| MCA | 60000 |
| BCA | 40000 |
| BSc | 30000 |
| BA | 25000 |
| MA | 35000 |
+-----+-----+
5 rows in set (0.00 sec)

mysql> describe account;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Username | varchar(25) | NO | | NULL | |
| Password | varchar(25) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> describe studentlist;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Student_Name | varchar(30) | NO | | NULL | |
| Student_ID | int | NO | PRI | NULL | |
| Address | varchar(50) | NO | | NULL | |
| Age | int | NO | | NULL | |
| Course | varchar(10) | NO | | NULL | |
| Fees | double | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)

mysql>
mysql> describe course_fees;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Course | varchar(50) | NO | | NULL | |
| Fees | double | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql>
```

```
MySQL 8.0 Command Line Client

+----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+----+-----+-----+-----+-----+-----+
| Student_Name | varchar(30) | NO | | NULL | |
| Student_ID | int | NO | PRI | NULL | |
| Address | varchar(50) | NO | | NULL | |
| Age | int | NO | | NULL | |
| Course | varchar(10) | NO | | NULL | |
| Fees | double | NO | | NULL | |
+----+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)

mysql>
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+----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+----+-----+-----+-----+-----+-----+
| Course | varchar(50) | NO | | NULL | |
| Fees | double | NO | | NULL | |
+----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> select * from studentlist;
+----+-----+-----+-----+-----+-----+-----+
| Student_Name | Student_ID | Address | Age | Course | Fees | Username | Password |
+----+-----+-----+-----+-----+-----+-----+
| Abc | 101 | Chennai | 22 | MCA | 60000 | | |
| Xyz | 102 | Chennai | 20 | BCA | 40000 | | |
| Ijk | 103 | Chennai | 22 | MCA | 60000 | | |
| Pnop | 104 | Chennai | 20 | BCA | 60000 | | |
| Aaa | 105 | Chennai | 21 | BA | 60000 | | |
+----+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> describe studentlist;
+----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+----+-----+-----+-----+-----+-----+
| Student_Name | varchar(30) | NO | | NULL | |
| Student_ID | int | NO | PRI | NULL | |
| Address | varchar(50) | NO | | NULL | |
| Age | int | NO | | NULL | |
| Course | varchar(10) | NO | | NULL | |
| Fees | double | NO | | NULL | |
| Username | varchar(45) | NO | PRI | NULL | |
| Password | varchar(45) | NO | | NULL | |
+----+-----+-----+-----+-----+-----+
8 rows in set (0.00 sec)

mysql>
```