## **PYTHON CODE-**

```
import mysql.connector
dataBase = mysql.connector.connect(
cursorObject = dataBase.cursor()
def register user():
  val = (username, password, phone number) # Storing plain text password
       cursorObject.execute(sql, val)
      dataBase.commit()
  except mysql.connector.Error as err:
def login user():
  password = input("Enter your password: ")
  cursorObject.execute(sql, (username,))
  result = cursorObject.fetchone()
  if result and result[0] == password: # Checking plain text password
def add student():
```

```
%s, %s, %s)"
  val = (student id, name, age, course)
  cursorObject.execute(sql, val)
def update student():
  sql = "UPDATE s students SET s name = %s, age = %s, course = %s WHERE
roll number = %s"
  val = (name, age, course, student id)
  cursorObject.execute(sql, val)
  dataBase.commit()
def delete student():
  sql = "DELETE FROM s students WHERE roll number = %s"
  cursorObject.execute(sql, val)
  dataBase.commit()
def view students():
  cursorObject.execute(query)
  myresult = cursorObject.fetchall()
  for x in myresult:
def main():
```

```
if login user():
            while True:
                    update student()
                    view students()
dataBase.close()
```

## **DATABASE** -

```
CREATE DATABASE stud_management;
USE stud_management;

CREATE TABLE users (
   username VARCHAR(100) PRIMARY KEY,
   password_hash VARCHAR(64),
   phone_number VARCHAR(15)
);
```

```
CREATE TABLE s_students (
   roll_number VARCHAR(10) PRIMARY KEY,
   s_name VARCHAR(100),
   age INT,
   course VARCHAR(50)
);
```

## **SCREENSHOTS-**











