```
import mysql.connector as mysql

db =
mysql.connect(host="localhost",user="root",password="roshhh@5678",datab
ase="college")
command_handler = db.cursor(buffered=True)

def teacher_session():
    while 1:
        print("")
        print("Teacher's Menu")
        print("1. Mark student register")
        print("2. View register")
        print("3. Logout")

        user_option = input(str("Option : "))
        if user_option == "1":
            print("")
            print("Mark student register")
            command_handler.execute("SELECT username FROM users WHERE
privilege = 'student'")
            records = command_handler.fetchall()
            date    = input(str("Date : DD/MM/YYYY : "))
            for record in records:
                record = str(record).replace("'","")
                record = str(record).replace(",","")
                record = str(record).replace("(","")
                record = str(record).replace(")","")
                #Present | Absent | Late
                status = input(str("Status for " + str(record) + "P/A/L
: "))
                query_vals = (str(record),date,status)
                command_handler.execute("INSERT INTO attendance
(username, date, status) VALUES(%s,%s,%s)",query_vals)
                db.commit()
                print(record + " Marked as " + status)
        elif user_option == "2":
            print("")
            print("Viewing all student registers")
            command_handler.execute("SELECT username, date, status FROM
attendance")
            records = command_handler.fetchall()
            print("Displaying all registers")
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            for record in records:
                print(record)
        elif user_option == "3":
            break
        else:
            print("No valid option was selected")

def student_session(username):
    while 1:
        print("")
        print("Student's Menu")
        print("")
        print("1. View Register")
        print("2. Download Register")
        print("3. Logout")

        user_option = input(str("Option : "))
        if user_option == "1":
            print("Displaying register")
            username = (str(username),)
            command_handler.execute("SELECT date, username, status FROM
attendance WHERE username = %s",username)
            records = command_handler.fetchall()
            for record in records:
                print(record)
        elif user_option == "2":
            print("Downloading Register")
            username = (str(username),)
            command_handler.execute("SELECT date, username, status FROM
attendance WHERE username = %s",username)
            records = command_handler.fetchall()
            for record in records:
                with open("C:Users/Dell/Desktop/register.txt", "w") as
f:
                    f.write(str(records)+"\n")
                f.close()
            print("All records saved")
        elif user_option == "3":
            break
        else:
            print("No valid option was selected")
```

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def admin_session():
    while 1:
        print("")
        print("Admin Menu")
        print("1. Register new Student")
        print("2. Register new Teacher")
        print("3. Delete Existing Student")
        print("4. Delete Existing Teacher")
        print("5. Logout")

        user_option = input(str("Option : "))
        if user_option == "1":
            print("")
            print("Register New Student")
            username = input(str("Student username : "))
            password = input(str("Student password : "))
            query_vals = (username,password)
            command_handler.execute("INSERT INTO users
(username,password,privilege) VALUES (%s,%s,'student')",query_vals)
            db.commit()
            print(username + " has been registered as a student")

        elif user_option == "2":
            print("")
            print("Register New Teacher")
            username = input(str("Teacher username : "))
            password = input(str("Teacher password : "))
            query_vals = (username,password)
            command_handler.execute("INSERT INTO users
(username,password,privilege) VALUES (%s,%s,'teacher')",query_vals)
            db.commit()
            print(username + " has been registered as a teacher")

        elif user_option == "3":
            print("")
            print("Delete Existing Student Account")
            username = input(str("Student username : "))
            query_vals = (username,"student")
            command_handler.execute("DELETE FROM users WHERE username =
%s AND privilege = %s ",query_vals)
            db.commit()
            if command_handler.rowcount < 1:
                print("User not found")
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            else:
                print(username + " has been deleted")

        elif user_option == "4":
            print("")
            print("Delete Existing Teacher Account")
            username = input(str("Teacher username : "))
            query_vals = (username,"teacher")
            command_handler.execute("DELETE FROM users WHERE username =
%s AND privilege = %s ",query_vals)
            db.commit()
            if command_handler.rowcount < 1:
                print("User not found")
            else:
                print(username + " has been deleted")

        elif user_option == "5":
            break
        else:
            print("No valid option selected")

def auth_student():
    print("")
    print("Student's Login")
    print("")
    username = input(str("Username : "))
    password = input(str("Password : "))
    query_vals = (username, password, "student")
    command_handler.execute("SELECT username FROM users WHERE username
= %s AND password = %s AND privilege = %s",query_vals)
    if command_handler.rowcount <= 0:
        print("Invalid login details")
    else:
        student_session(username)
def auth_teacher():
    print("")
    print("Teacher's Login")
    print("")
    username = input(str("Username : "))
    password = input(str("Password : "))
    query_vals = (username, password)
    command_handler.execute("SELECT * FROM users WHERE username = %s
AND password = %s AND privilege = 'teacher'",query_vals)
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    if command_handler.rowcount <= 0:
        print("Login not recognized")
    else:
        teacher_session()

def auth_admin():
    print("")
    print("Admin Login")
    print("")
    username = input(str("Username : "))
    password = input(str("Password : "))
    if username == "admin":
        if password == "password":
            admin_session()
        else:
            print("Incorrect password !")
    else:
        print("Login details not recognised")

def main():
    while 1:
        print("Welcome to the college system")
        print("")
        print("1. Login as student")
        print("2. Login as teacher")
        print("3. Login as admin")

        user_option = input(str("Option : "))
        if user_option == "1":
            auth_student()
        elif user_option == "2":
            auth_teacher()
        elif user_option == "3":
            auth_admin()
        else:
            print("No valid option was selected")

main()
```