COVID-19 MANAGEMENT

Source code :

import mysql.connector

# Connect to the MySQL database

db = mysql.connector.connect(

host="localhost",

user="root",

password="12345",

database="covid19\_data"

)

cursor = db.cursor()

def insert\_record(name, status):

try:

sql = "INSERT INTO covid19\_records (name, status) VALUES (%s, %s)"

values = (name, status)

cursor.execute(sql, values)

db.commit()

print("Record inserted successfully.")

except Exception as e:

db.rollback()

print("Error:", e)

def get\_records\_by\_status(status):

try:

sql = "SELECT \* FROM covid19\_records WHERE status = %s"

cursor.execute(sql, (status,))

records = cursor.fetchall()

print(f"List of {status} individuals:")

for record in records:

print(f"ID: {record[0]}, Name: {record[1]}")

except Exception as e:

print("Error:", e)

while True:

print("\nOptions:")

print("1. Insert a new record")

print("2. View vaccinated individuals")

print("3. View recovered individuals")

print("4. View deceased individuals")

print("5. Exit")

choice = input("Enter your choice: ")

if choice == "1":

name = input("Enter the name: ")

status = input("Enter the status (vaccinated/recovered/dead): ")

insert\_record(name, status)

elif choice == "2":

get\_records\_by\_status("vaccinated")

elif choice == "3":

get\_records\_by\_status("recovered")

elif choice == "4":

get\_records\_by\_status("dead")

elif choice == "5":

break

# Close the database connection

db.close()x

ER DIAGRAM

COVID-19 Data

View Vaccinated

View Recovered

View Deceased

End

Insert New Record

Data Entry

covid19\_record