Usiel Figueroa

Module 6.3 Assignment: Bonus

CSD310-A311 Database Development and Use

November 18, 2024

A screenshot of a computer

Description automatically generated

Code:

# Usiel Figueroa  
# Module 6.3 Assignment: Bonus  
# CSD310-A311 Database Development and Use  
# November 12, 2024  
  
import mysql.connector  
from mysql.connector import errorcode  
import os  
from dotenv import load\_dotenv  
  
# Load environment variables from .env file  
load\_dotenv()  
  
# Define the configuration using environment variables  
config = {  
 "user": os.getenv("DB\_USER"),  
 "password": os.getenv("PASSWORD"),  
 "host": os.getenv("HOST"),  
 "database": os.getenv("DATABASE"),  
 "raise\_on\_warnings": os.getenv("RAISE\_ON\_WARNINGS", "True") == "True" # Convert to bool if needed  
}  
  
try:  
 # Attempt to connect to the database  
 connection = mysql.connector.connect(\*\*config)  
 print("Connection successful!")  
except mysql.connector.Error as err:  
 if err.errno == errorcode.ER\_ACCESS\_DENIED\_ERROR:  
 print("Something is wrong with the user name or password")  
 elif err.errno == errorcode.ER\_BAD\_DB\_ERROR:  
 print("Database does not exist")  
 else:  
 print(err)  
finally:  
 # Close the connection if it was established  
 if 'connection' in locals() and connection.is\_connected():  
 connection.close()  
 print("Connection closed.")

References

ChatGPT

W3schools