Day 1: 2/16/2024

Notes:

Goal: Clone a 2 tier python project and run locally.

1. Python local installation. ---> Completed

- which python

        - python --version

        - Flask install

        - Flask\_Mysql install

2. We need a python project (Flask 2 tier). --> Completed

3. Clone this project locally. --> Completed

        - Why FLASK?

        - What FLASK?

        - What is method? GET, POST // DELETE, OPTIONS, PUT

        - Build two endpoints.

- /   - GET - Displays all the message from messages table.

                - /submit  - POST - Store new message into table.

4. Run project locally.

- python app.py

        - XAMPP - MySQL locally started. \*\* NOTE XAMPP used only for local testing.

        - Modifyed app.py mysql connections details update

5. Understand the flow.

6. Commit project into our repository.

PYTHON PROJECT

ISSUE #1

A screen shot of a computer

Description automatically generated

Solution:  pip install flask

ISSUE #2

A screen shot of a computer

Description automatically generated

Solution:  pip install flask\_mysqldb

ISSUE #3

A screenshot of a computer program

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A screen shot of a computer

Description automatically generated

A screenshot of a computer program

Description automatically generated

**MYSQL ERRORS LOG!**

C:\Users\rdvp2>mysql -u root -p -h localhost

Enter password:

Welcome to the MySQL monitor.  Commands end with ; or \g.

Your MySQL connection id is 15

Server version: 5.5.5-10.4.32-MariaDB mariadb.org binary distribution

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owners.

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

mysql> show databases;

+--------------------+

| Database           |

+--------------------+

| information\_schema |

| mysql              |

| performance\_schema |

| phpmyadmin         |

| test               |

+--------------------+

5 rows in set (0.00 sec)

mysql> create database achievers;

Query OK, 1 row affected (0.00 sec)

mysql> show databases;

+--------------------+

| Database           |

+--------------------+

| achievers          |

| information\_schema |

| mysql              |

| performance\_schema |

| phpmyadmin         |

| test               |

+--------------------+

6 rows in set (0.00 sec)

mysql> use achievers;

Database changed

mysql> show tables;

Empty set (0.00 sec)

mysql> create table messages (message varchar(255));

Query OK, 0 rows affected (0.01 sec)

mysql> show tables;

+---------------------+

| Tables\_in\_achievers |

+---------------------+

| messages            |

+---------------------+

1 row in set (0.00 sec)

mysql> SELECT message FROM messages;

Empty set (0.08 sec)

mysql> insert into messages VALUES ('This is my test from mysql cli');

Query OK, 1 row affected (0.00 sec)

mysql> select \* from messages;

+--------------------------------+

| message                        |

+--------------------------------+

| This is my test from mysql cli |

+--------------------------------+

1 row in set (0.00 sec)

mysql> select \* from messages;

+--------------------------------+

| message                        |

+--------------------------------+

| This is my test from mysql cli |

| This message is from browser   |

+--------------------------------+

2 rows in set (0.00 sec)

mysql> delete from messages where message = 'This is my test from mysql cli';

Query OK, 1 row affected (0.01 sec)

mysql> select \* from messages;

+------------------------------+

| message                      |

+------------------------------+

| This message is from browser |

+------------------------------+

1 row in set (0.00 sec)