PROJECT SETUP GUIDE

This read me file is going to guide you step by step to run the Django project with details. Please make sure that you are using following requirements.

- Python 3 or higher
- Pip
- Virtualenv (not must but project formed through using this environment tool)

If you are missing out one of these, links and installing instructions will be provided below:

Python 3:
https://www.python.org/downloads/

Pip:
https://bootstrap.pypa.io/get-pip.py-> Please make sure you run this with python as it follows:

```
$ python get-pip.py
```

Virtualenv:

```
$ pip install virutalenv
```

DEPENDENCIES SETUP

Open the project files through your IDE, author preferred visual studio code, and make sure that entire project files are accessible. Open a new terminal in the IDE and make sure that the terminal is operating in the current folder.

//Get new environment

```
$ python -m venv env
```

Activate Environment

Activate take place in different places for each platform. As well as that, virtualenv might create the hierarchy differently.

Windows IDE terminal or Powershell:

```
$ .\env\Scripts\Activate.ps1
```

Windows CMD:

```
$ .\env\Scripts\acitvate.bat
```

macOS:

```
$ source env/bin/activate
```

If environment can not be activated due to a access restriction regarding windows. Please do following:

Powershell run on Administration:

```
Get-ExecutionPolicy
```

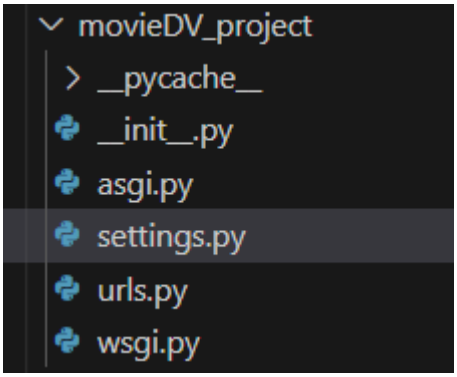
//If its restricted

```
Set-ExecutivePolicy RemoteSigned
```

INSTALL DEPENDENCIES

Django, crispy-bootstrap4, mysqlclient and mysql-connector-python are required packages to be installed through pip installer. Codes provided below should run after the **environment** is activated:

```
pip install django
pip install crispy-bootstrap4
pip install mysqlclient
pip install mysql-connector-python
```



After the installations are completed, project will be ready to connect the mysql server. Project has already been connected to an mysql server before in settings.py under **movieDV_project** folder.

Set your own settings for your server (your nick, your password etc.) but name can stay same since we are going to create a database with that name first.

MYSQL SETUP GUIDE

Step 1:

Please download MySQL from official website: https://dev.mysql.com/downloads/mysql/

Step 2:

After the installation process is completed, please proceed to the command line to connect to the MySQL.

```
$ mysql -u root -p
```

Assuming host nick is named ‘root’. This code block should try to access the server. Make sure that server is on in your computer. Else, if you are using **Windows** go to **Services** and find MySQL service and activate it.

Step 3:

After accessing to the database, please create a database as it follows:

```
CREATE DATABASE moviedatabase;

//Then please use the database

USE moviedatabase;
```

Step 4:

To be able to use author's MySQL dump file, please look for "movie_database.sql" file within provided files and folders (by default .\2022719249). Place the file somewhere reachable in your desktop and enter this to your MySQL command prompt:

```
source <movie_database.sql path>
```

This will start importing data and table structures from the path and set up the database for you.

LOGIN AND PROJECT RUN INFORMATION

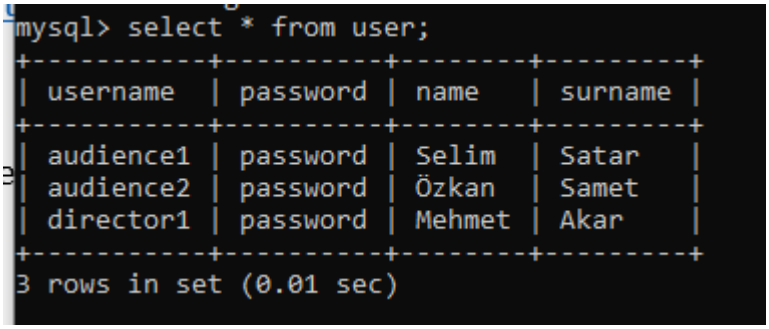
Once MySQL server is on and data dump was copied to "moviedatabase" database, then please run the server by:

```
cd movieDV_project
python manage.py runserver
```

This is going to run the server and if MySQL login details are correct, data dump was copied and all the dependencies are downloaded as it was mentioned before, the project will be running.

PLEASE USE http://127.0.0.1:8000/home **OR** http://127.0.0.1:8000/login **TO ACCESS THE LANDING PAGE.**

To be able to all features of the project, a database snapshot will be provided below:



```
mysql> select * from user;
+-----------+----------+--------+---------+
| username  | password | name   | surname |
+-----------+----------+--------+---------+
| audience1 | password | Selim  | Satar   |
| audience2 | password | Özkan  | Samet   |
| director1 | password | Mehmet | Akar    |
+-----------+----------+--------+---------+
3 rows in set (0.01 sec)
```

If you wish to access more information about tables but can not find within the Django web project, please proceed to execute queries in MySQL terminal to see the structures.