

This is the running instruction for our project.

If you meet any problem that cannot be solved, please contact the group leader (田展铭) as soon as possible!!! The contact information is as followed: Wechat: tzm13940001101 Email: m730026102@mail.uic.edu.hk

STEP1: install python 3.7

Here is the download website for python 3.7:

<https://www.python.org/downloads/release/python-373/>

Please check if you have installed python system environment variable, if not, you cannot access using 'python' in you cmd.

Here is the step for how to install system variable of python:

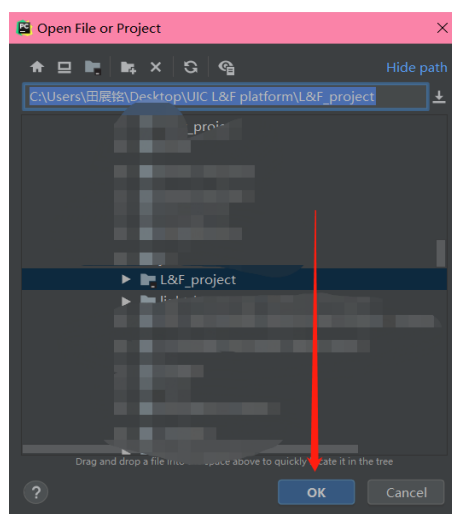
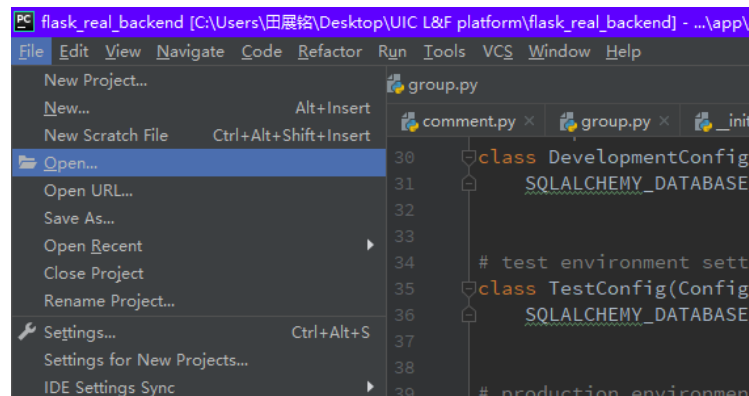
<https://www.runoob.com/python/python-install.html>

STEP2: we highly recommend you run our project on Pycharm Professional Edition (version over: 2018.3.3)

You can download it easily through:

<https://www.jetbrains.com/pycharm/>

STEP3: Open our project, and import the folder "L&F_project"



IMPORTANT NOTICE!!!

If you can use online database of UIC, you should skip STEP4 to STEP8

If you can only access localhost database, it is the following way to deploy.

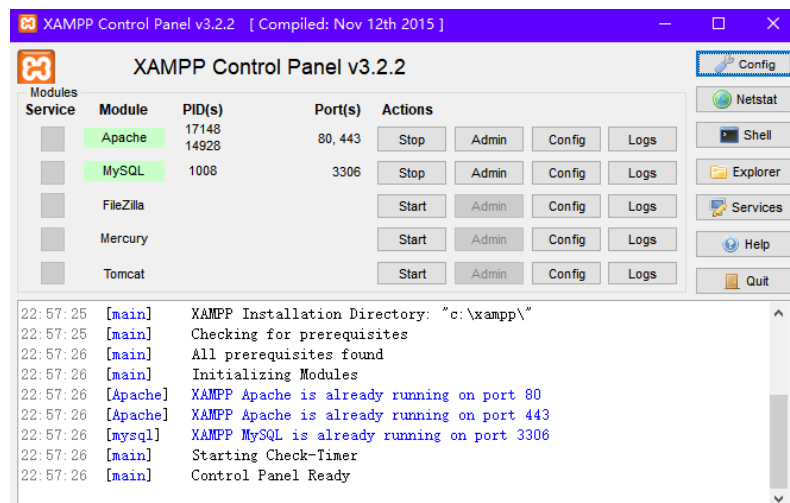
Again! STEP4 to STEP8 is used for those who cannot use online database of UIC, STEP4-STEP8 is for localhost database, if you can access online database of UIC, just skip 4-8.

STEP4: install XAMPP

Here is the download website for XAMPP 7.3:

<https://www.apachefriends.org/index.html>

STEP5: MySQL and Apache should be turned on.

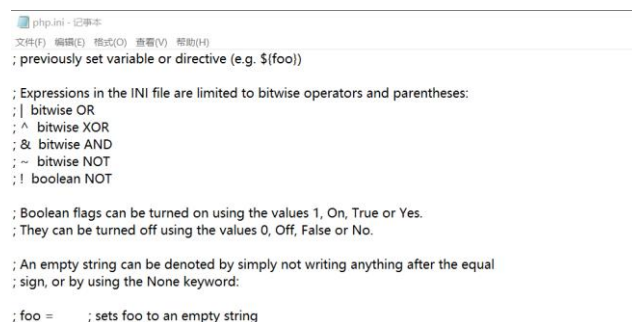
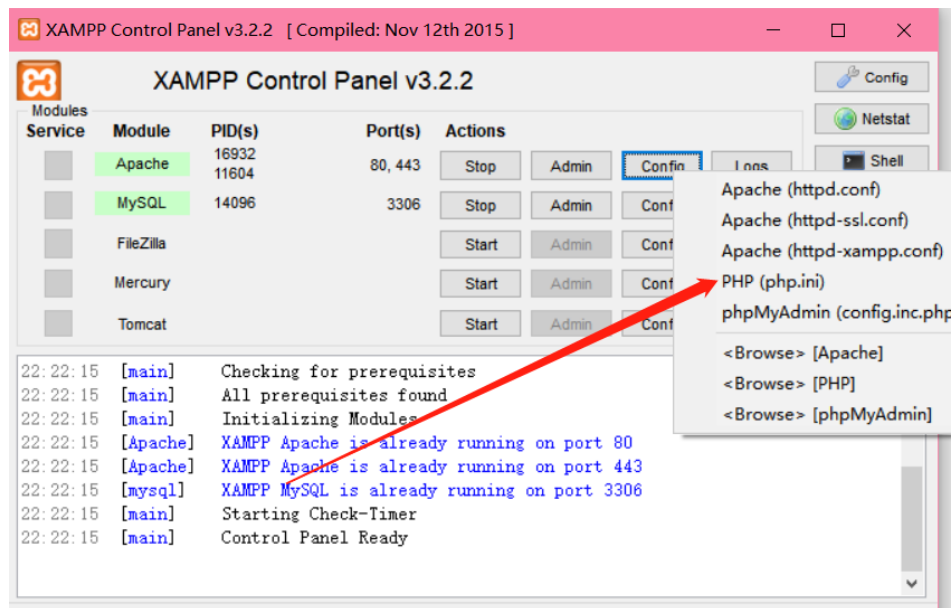


STEP6: Create a database named “flask_lf” and select the “utf8md4_general_ci”

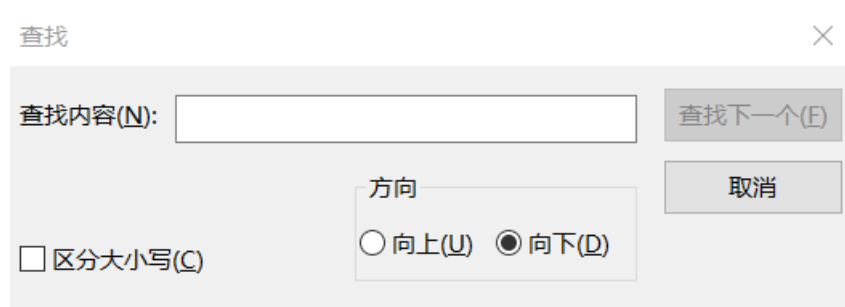


STEP7: modify the setting in php.ini.

Open the php.ini in notepad or notepad++



Use Ctrl+F to open the searching page.



Searching for these things:

upload_max_filesize: Allow maximum upload file size, change to 64M

post_max_size: The maximum value that can be received by PHP via the form POST, including all values in the form, change to 64M

max_execution_time: Maximum time value for each PHP page run, change to 300 seconds

max_input_time: Maximum time required to receive data per PHP page, change to 300 seconds

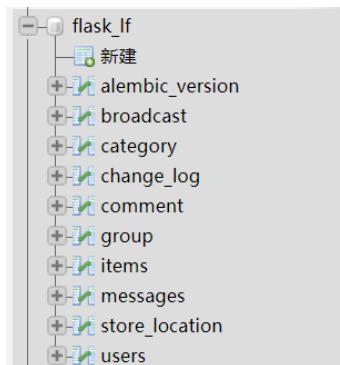
memory_limit: Maximum memory eaten per PHP page, change to 64M

Then you can upload your correct sql file.

STEP8: Import data to localhost database, select the file "flask_1f.sql" in the folder

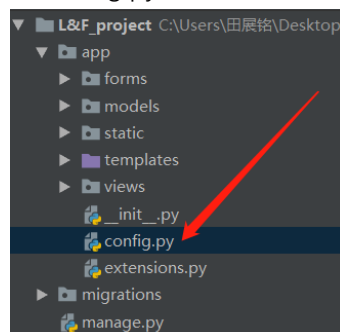


Then you can successfully import data to the localhost.



STEP9: change the code for localhost database

Select and open the file in the list, "config.py"



And change the code as the instruction:

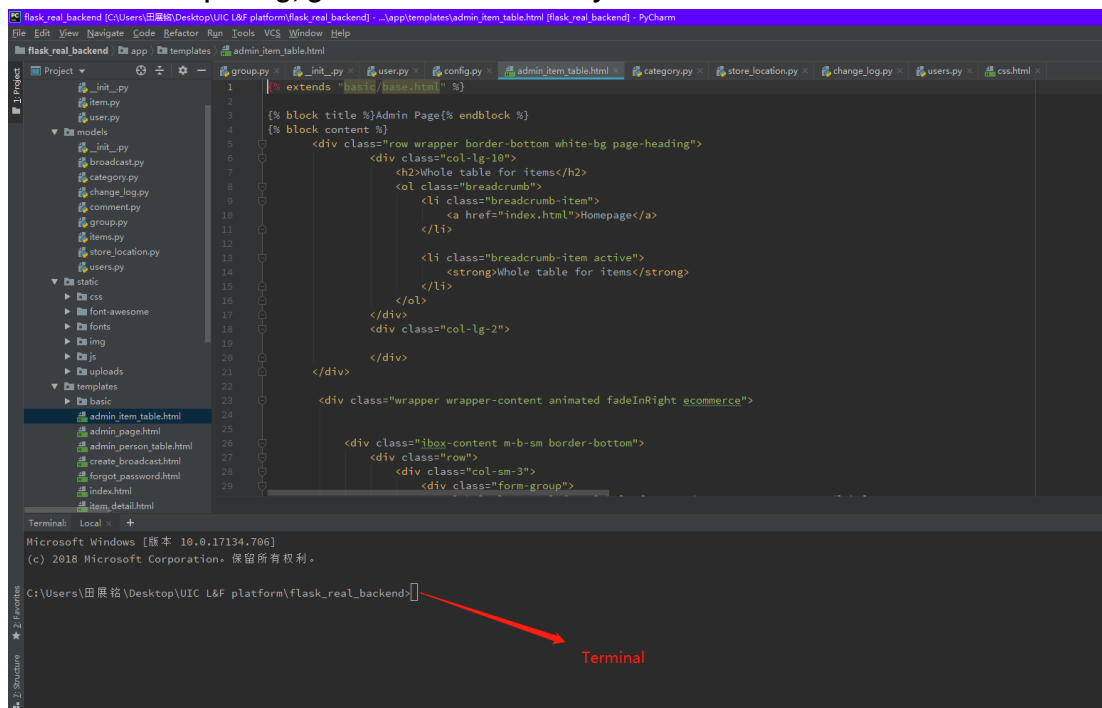
```

30
31 # development environment setting
32 class DevelopmentConfig(Config):
33     SQLALCHEMY_DATABASE_URI = 'mysql+pymysql://1730026102:88888888@172.16.199.106/1730026102'
34
35     #if you are localhost, please change to:
36     # SQLALCHEMY_DATABASE_URI = 'mysql+pymysql://root@localhost/flask_1f'
37
38
39 # test environment setting
40 class TestConfig(Config):
41     SQLALCHEMY_DATABASE_URI = 'mysql+pymysql://1730026102:88888888@172.16.199.106/1730026102'
42     #if you are localhost, please change to:
43     # SQLALCHEMY_DATABASE_URI = 'mysql+pymysql://root@localhost/flask_1f'
44
45
46 # production environment
47 class ProductionConfig(Config):
48     SQLALCHEMY_DATABASE_URI = 'mysql+pymysql://1730026102:88888888@172.16.199.106/1730026102'
49     #if you are localhost, please change to:
50     # SQLALCHEMY_DATABASE_URI = 'mysql+pymysql://root@localhost/flask_1f'
51
52

```

If you can access online database of UIC, continue from step3 to here.

STEP10: After opening, go to the terminal in Pycharm.



If it is the first time for you to deploy flask project, you are generally need these modules, please input each line of code into the terminal respectively:

```

pip install Flask
pip install flask-sqlalchemy
pip install wtforms
pip install flask_script
pip install flask_migrate
pip install flask_upload

```

Notice that if still appear error that display **"No module X found"**

Turn into terminal and input **"pip install X"**

(X is not a real X, it can indicate anything, e.g. X = Flask)

STEP11: Finally, input the string **"python manage.py runserver"** in the terminal.

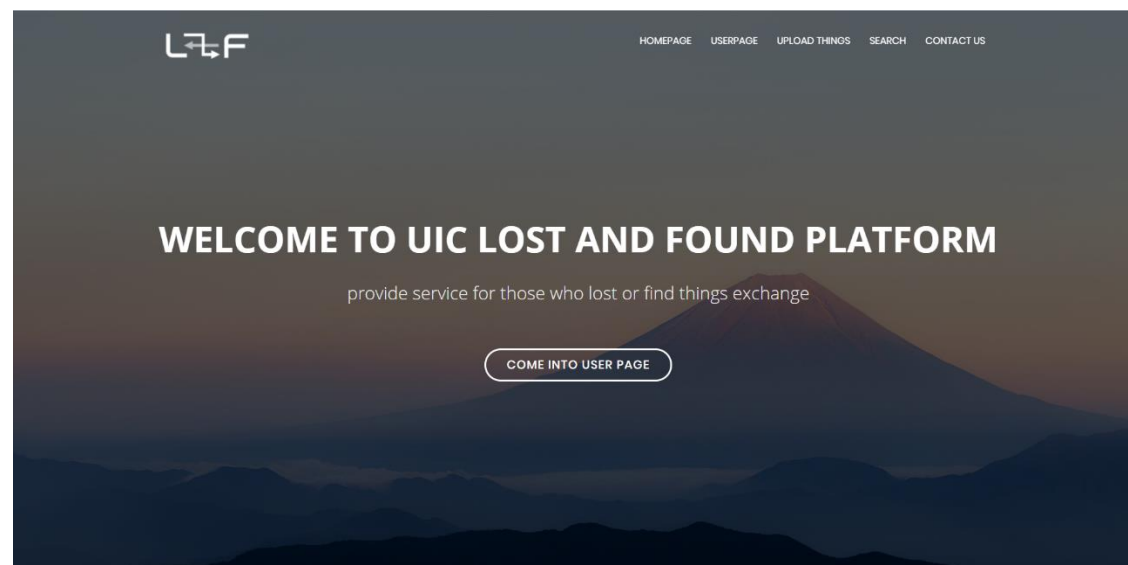
```
Terminal: Local x +
Microsoft Windows [版本 10.0.17134.706]
(c) 2018 Microsoft Corporation。保留所有权利。

C:\Users\田展铭\Desktop\UIC L&F platform\flask_real_backend>python manage.py runserver
```

If you see this, means that the project is successfully started.

```
* Serving Flask app "app" (lazy loading)
* Environment: production
  WARNING: Do not use the development server in a production environment.
  Use a production WSGI server instead.
* Debug mode: on
* Restarting with stat
* Debugger is active!
* Debugger PIN: 888-249-031
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
```

And you can access the page then.



Notice that we have already prepared an admin account and a user account in login.

For admin account:


Username: admin

Password: qqq

For user account:

Username: lsq

Password: qqq



Welcome login L&F platform

username

password

Login

Don't have an account?

create an account

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admin account:

Username: admin

Password: qqg

user account:

Username: lsq

Password: qqg