Building and deploy method:

Using the ‘migrate’ generate the list structure

The operating environment:

Python >=2.7

MySQL = 5.7

(If you guys using mysql8, it might has problem on algorithm match accuracy)

OS win linux all works

Notes: setting the root passwords when finished the MySQL install. (if not, can’t connect)

Building:

1, Build the new database named “letterdb”, the operating method is not uniformed, only need build the database named “letterdb”.

2, directly using venv environment, or prepare the Django environment.

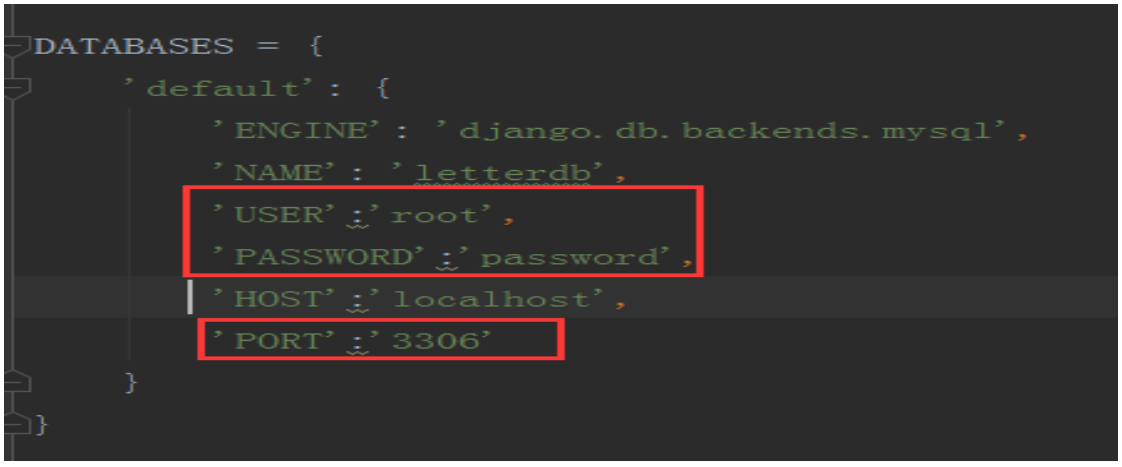
a) Pip install Django

b) Pop install pymysql (According py>3 install pymysql, if py<3 can install mysql-client)

3, configure a database connection

modify the database connection file (path: letterWebSite/settings.py)

Make sure the username, passwords and port is correct.



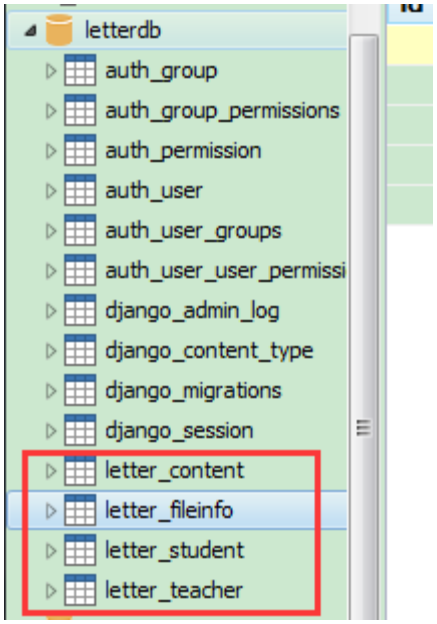
4, generate migration files and table structure

Executing and enter the file named “Lettterwebsite”, execute:

Python manage.py makemigrations

Python manage.py migrate

(So far, the table structure of letterdb created)



The red part is created one, others is Django framework created.

5, initialization data

a) New build student information (can add student information like name and passwords by registration function)

b) New build professor information (can add professor information like name, passwords and department by registration function)

6, run the server

python manage.py runserver

After servers coming, listen the 8000 port, can be visited by entry address.

Entry address:

Local access: http://localhost:8000/

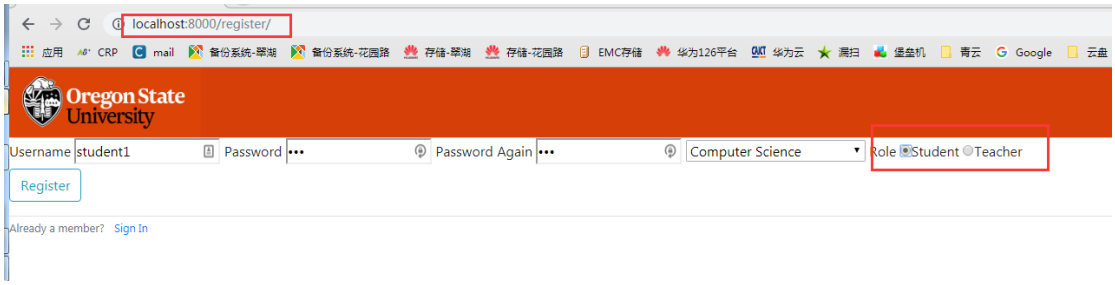
External access: http://ip:8000 Ip is decided by ESC, notice closing the local

firewalls.

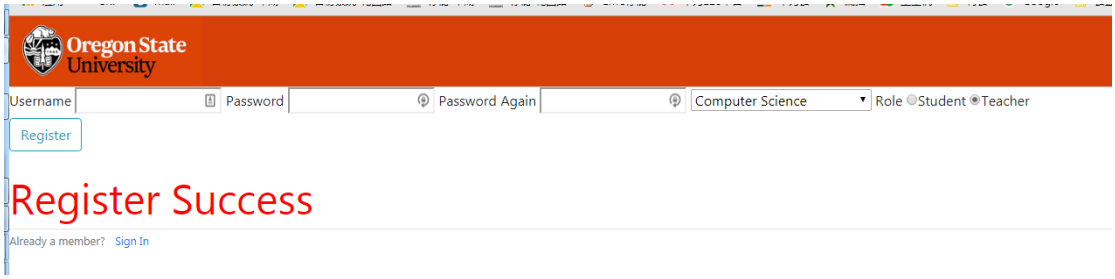
Example:

1, student information operating step

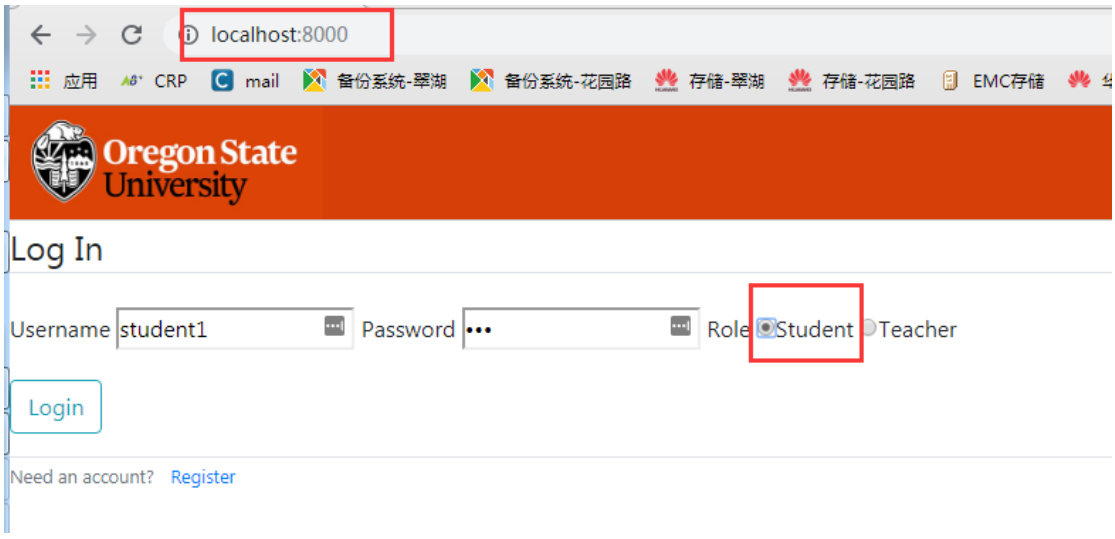
(a) Student registration



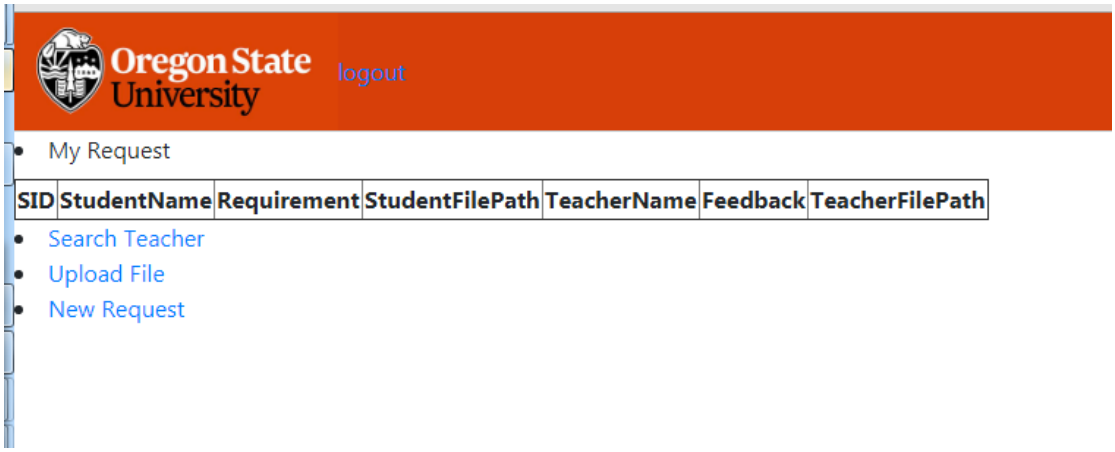
Pick the rule of student, clink register, registration finished



(b) Login in part



After that:

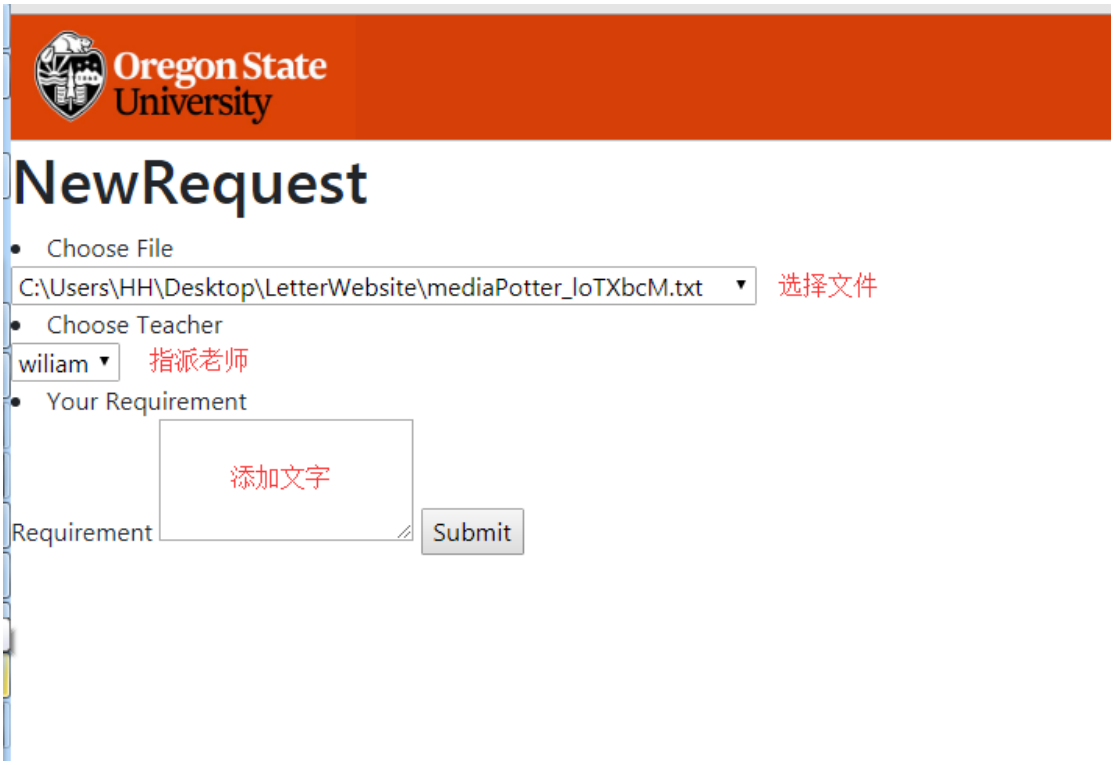


(c) upload document

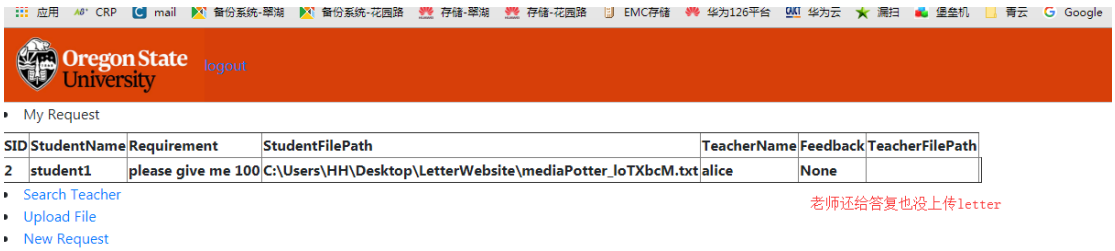
Clink upload enter the upload page (the document that student upload can send to several professors, just point the file uploaded last time when you execute the new request.

(d) Professor searching

(e) Submit applications



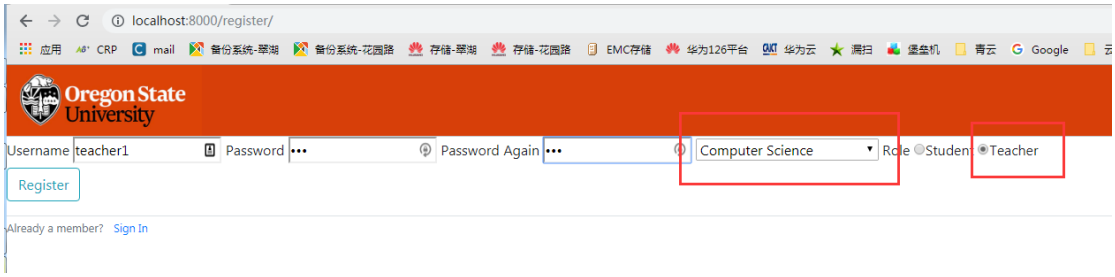
(f) Check the application progress



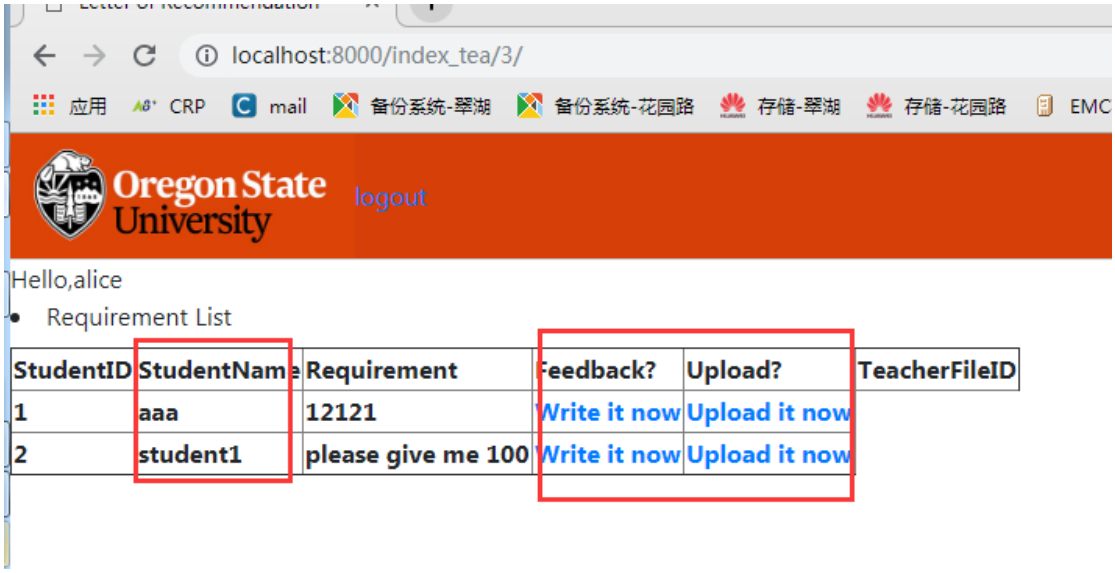
(g) Logout (get back to the login page)

2, professor operating step

(a) Registration

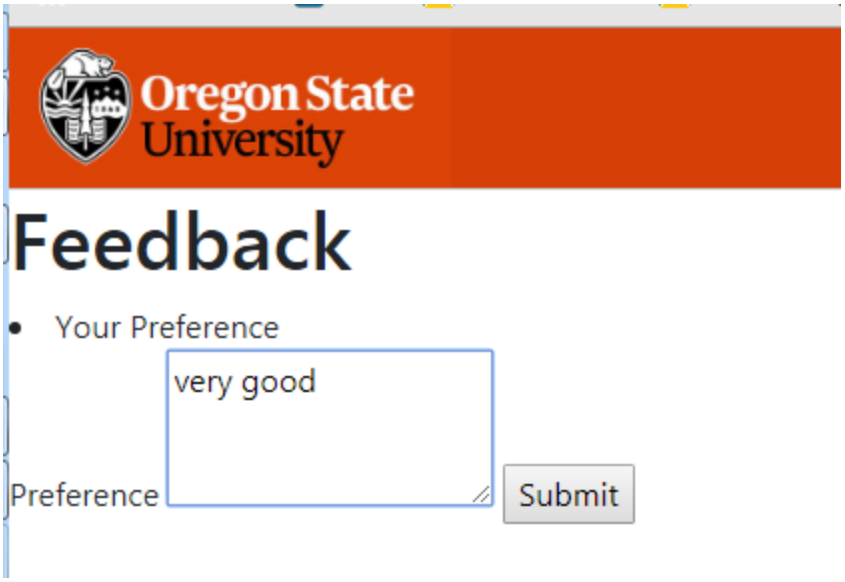


(b)

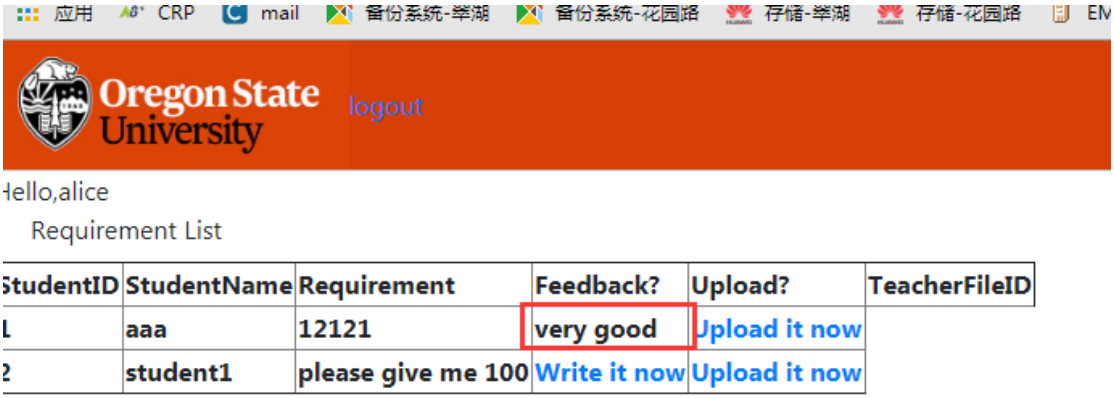


(c) check the student application

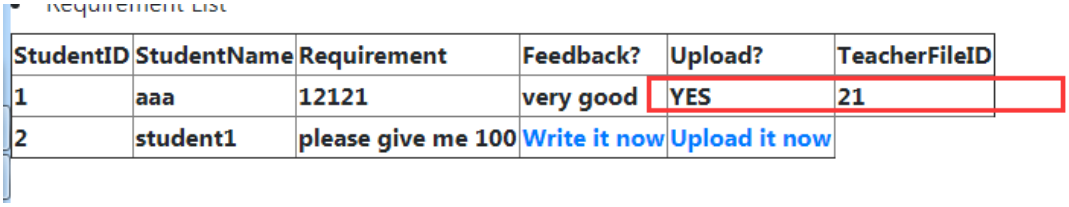
(d) feedback information



after submit



after upload file



(also show the teacher's ID

(e) logout