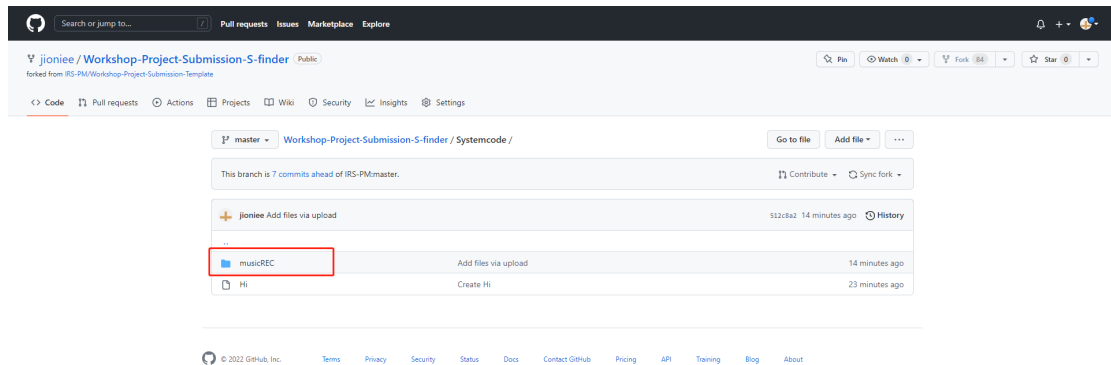


Appendix 3: Installation and User Guide

Download the code from the Github repository

<https://github.com/jioniee/Workshop-Project-Submission-S-finder/tree/master/Systemcode>



`git clone https://github.com/jioniee/Workshop-Project-Submission-S-finder.git`

Download python 3.10

<https://www.python.org/downloads/>

Download pycharm

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

Download Mysql

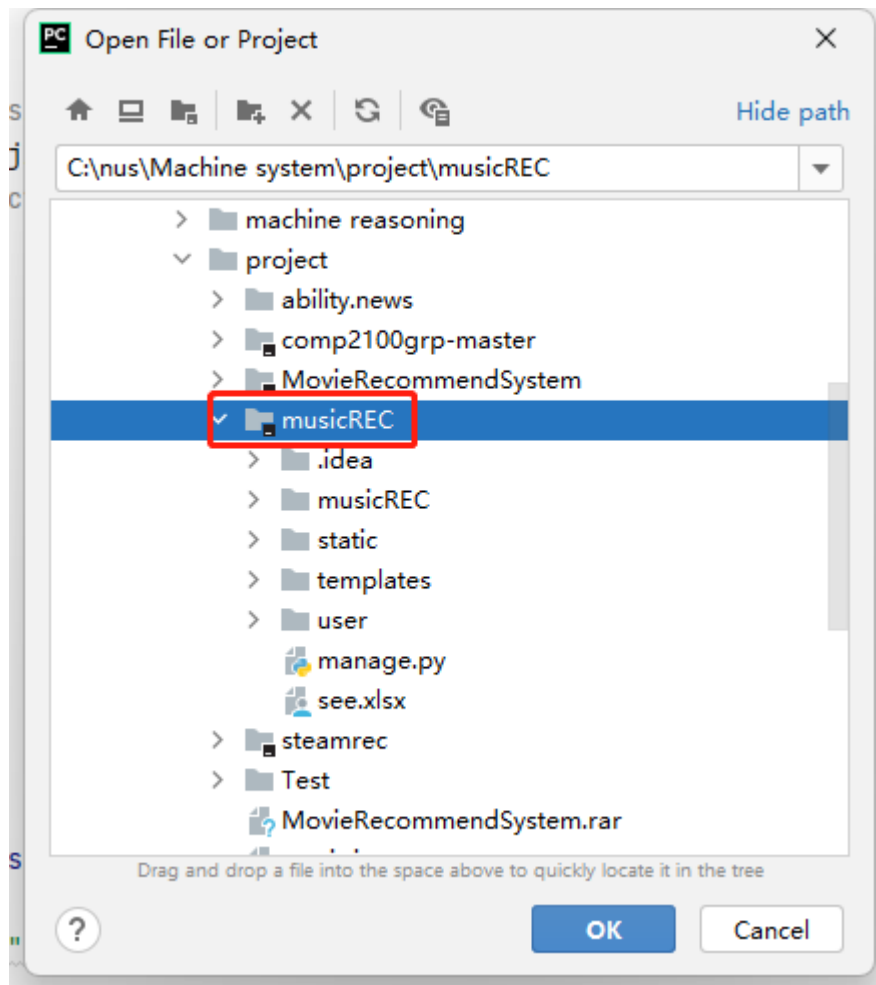
<https://www.jetbrains.com/pycharm/>

Download navicat (Recommended)

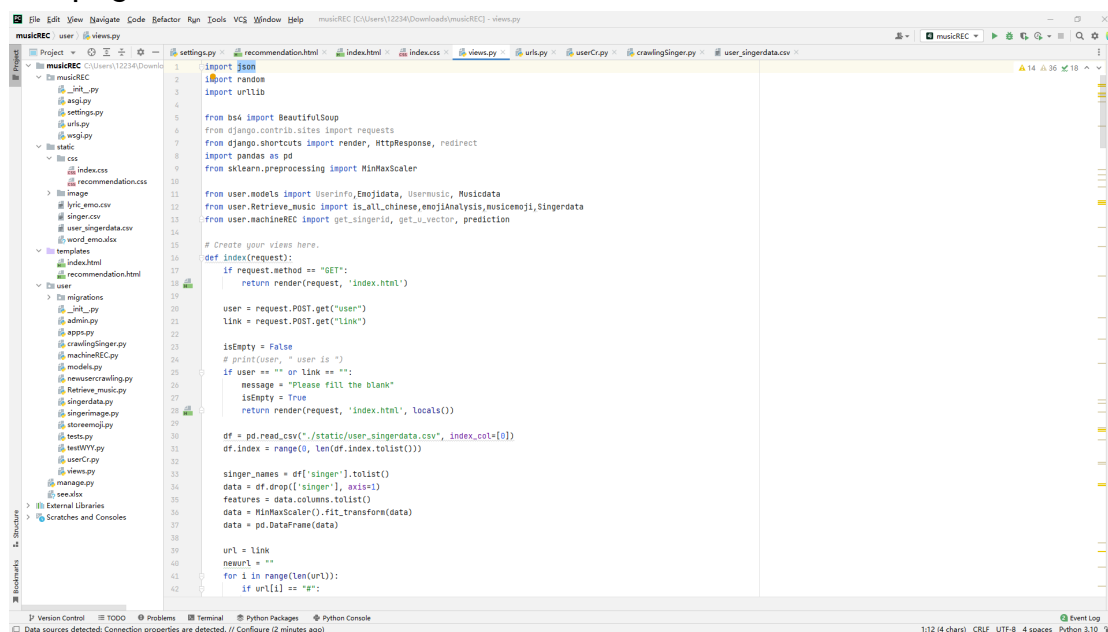
<https://navicat.com/en/>

Navicat is not compulsory, but navicat can improve the process of managing the database. Navicat provide 14-days free-trial

Open project using pycharm



The page should look like this:

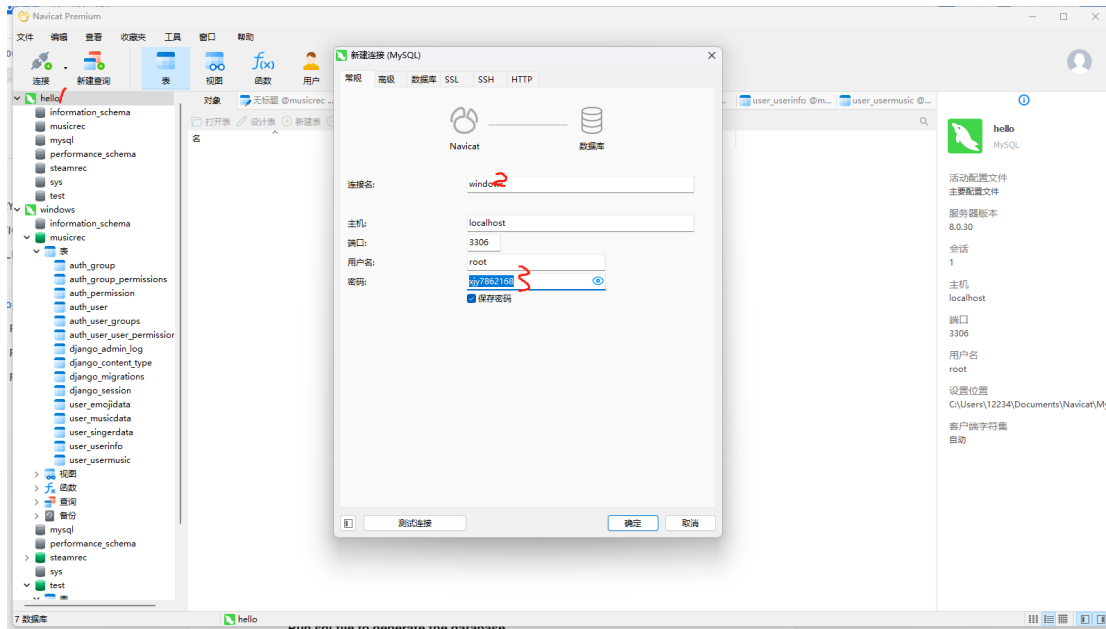


Starting MySQL

Configure according to your system environment:

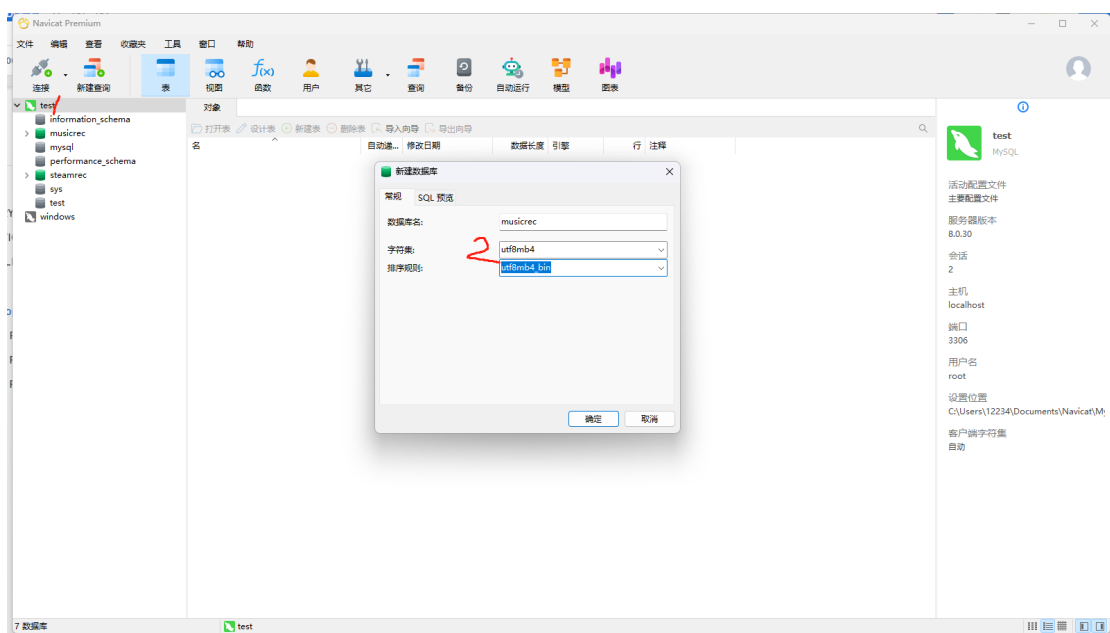
<https://dev.mysql.com/doc/mysql-getting-started/en/>

Create connection and database using navicat



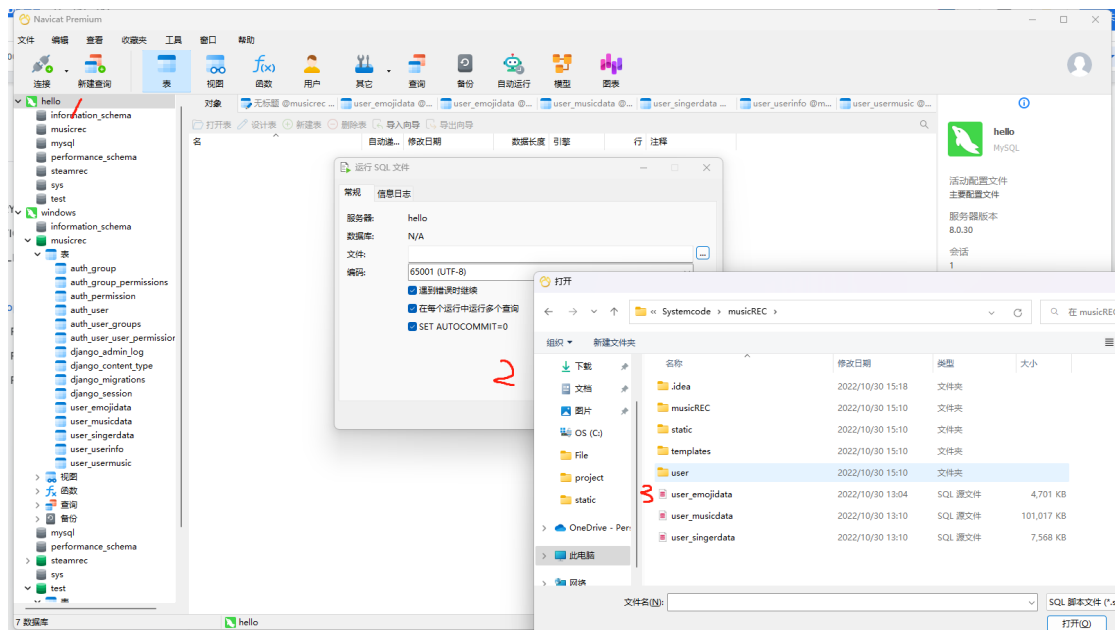
1. hit connection
2. choose mysql
3. fill in the connection and password as shown in the image.

Create database in navicat



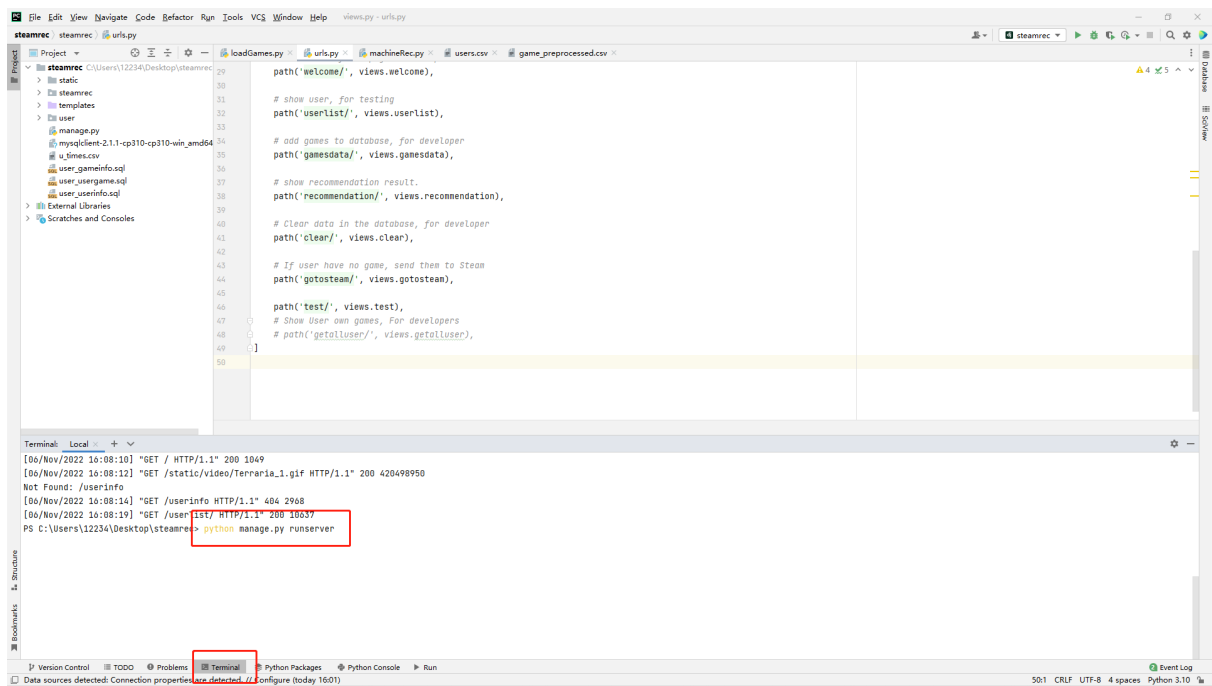
1. right click on the connection we just created.
2. database name: musicrec
3. Character set: utf8mb4
4. collation: utf8mb4_bin

Run sql file to generate the data



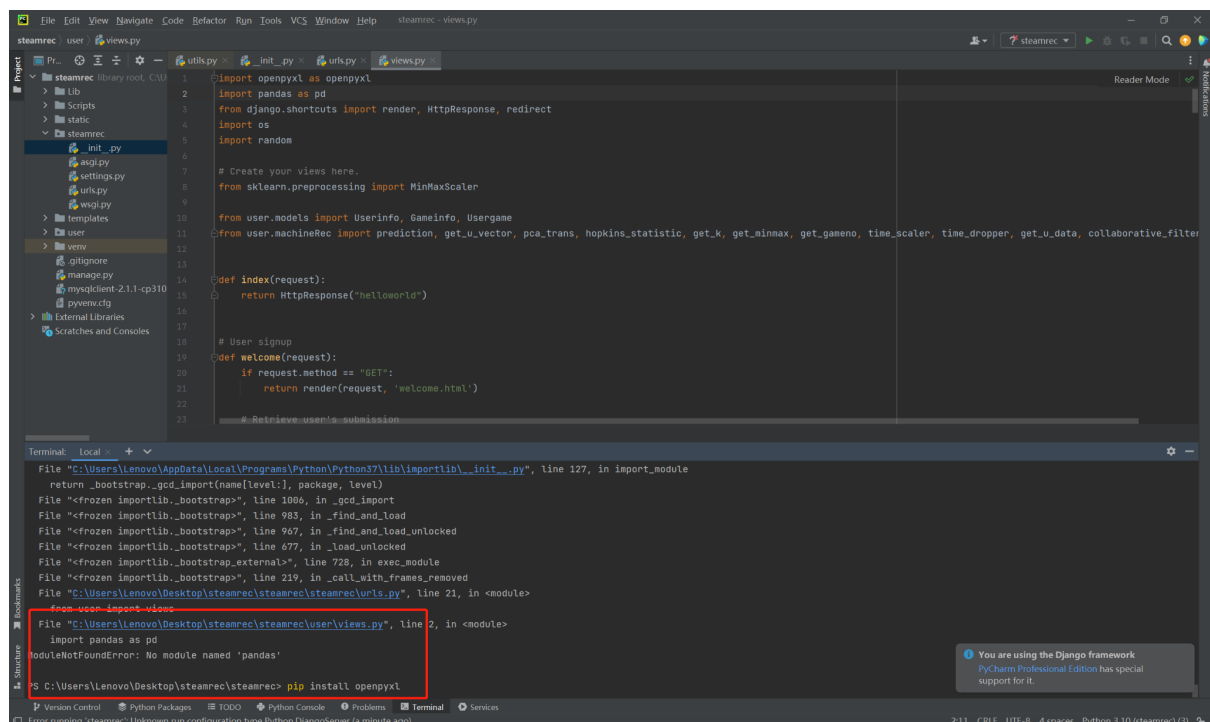
1. right click the database just created, choose run sql file
2. click "upload"
3. select 3 sql files in the root directory separately.

Run the program in pycharm



1. Click "terminal"
2. type in "python manage.py runserver"

Normally, the first time you run the program, it will present error like this:



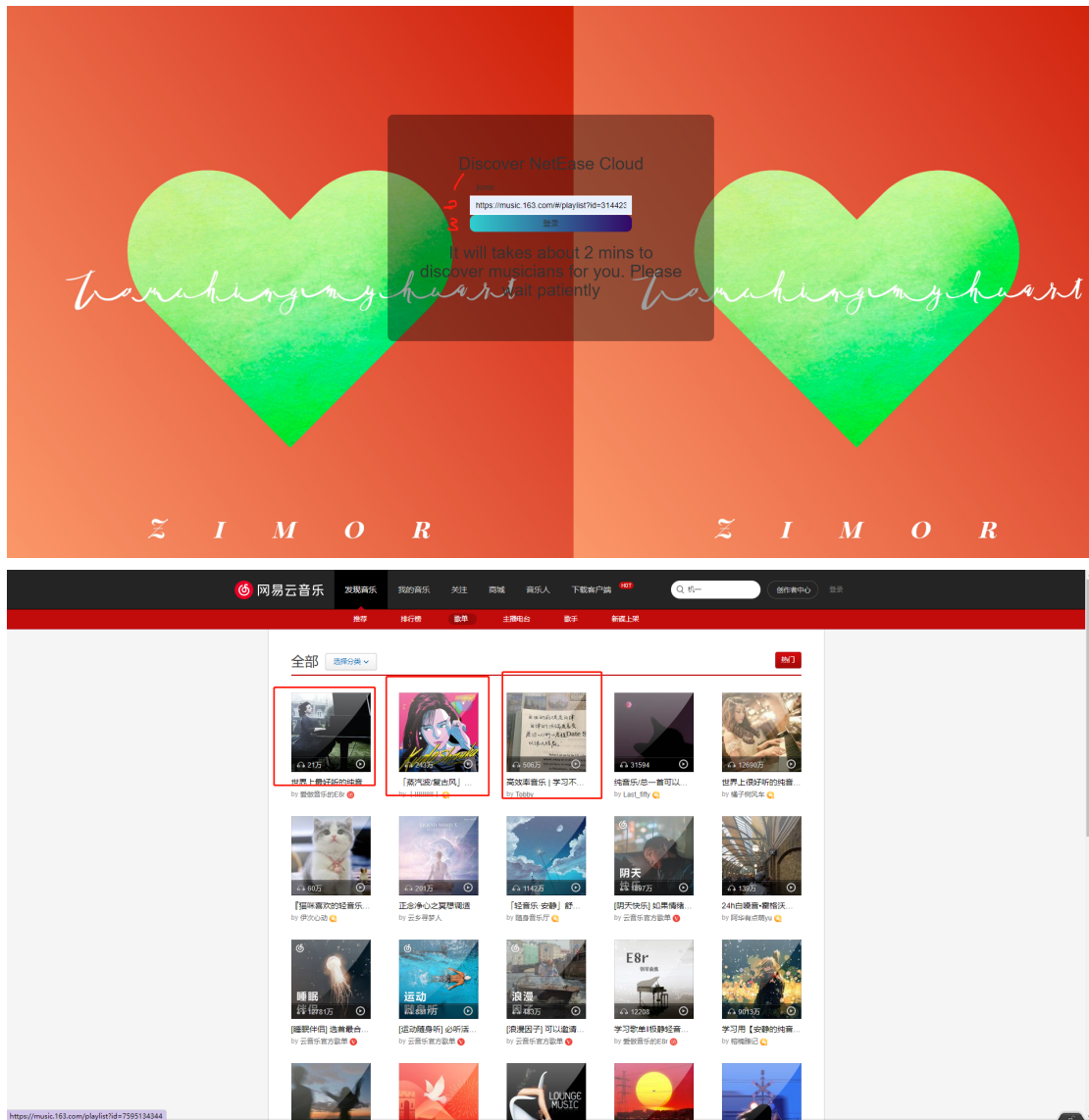
You need to install some python package to run the program.

The error message will follow this form:
No module name "XXXX"

To download those packages, type in “pip install XXXX”. If this doesn’t work, search on the internet to download those packages.

After all packages are installed, run the program using “python manage.py runserver”

Using the program:

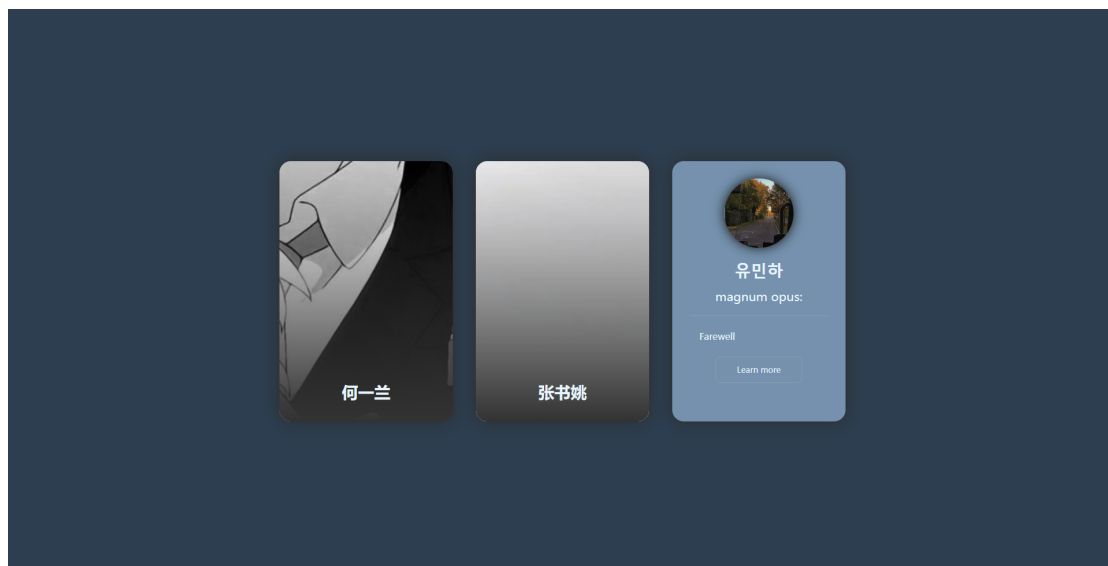




Using the program:

1. Fill your name.
2. open NetEase Cloud Music with your browser, link: <https://music.163.com/>
3. Click on any playlist
4. Entering the page, copy the link and paste it to the website.
5. Click the button

Recommendation:



The system will recommend 3 musician to you base on the playlist you provide.