

Final project - Faces catch recognition

This is a system used to figure out the person in your mind.

You can make your face by choosing the face style, eye, nose, and mouth, adjust the position, and search he/her in the gallery. System will back to you the one who is most likely to be.

For the making-face part, I used opencv to detect face, eyes, nose, and mouth, crop them from the image and did something like resize, cover it on some position, drop noise by morphology and filtering

For the face detect part, I used face_recognition.

I feel sorry for the fact that due to the limitation of time and material, I am now actually only have two styles of everything. (some choices are fake).

The system look like the following screenshot.

To start the system, please run main.py

