Web Face Lock

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Libraries Used:

➢ Thread

➢ OpenCV-Python

➢ Face_Recognition

➢ DLIB

➢ Flask

How this works?

Basically, our project uses a predefined set of faces saved on the server to verify with the current users face.

If the Face of both the Image and Capture Matches, user is authenticated to the further page

Basically We are using OpenCV which is a Computer Vision Model to initiate the process and further stuffs are proceeded by Face Recognition and Other Libraries.

How to Setup this?

Install Python on your system

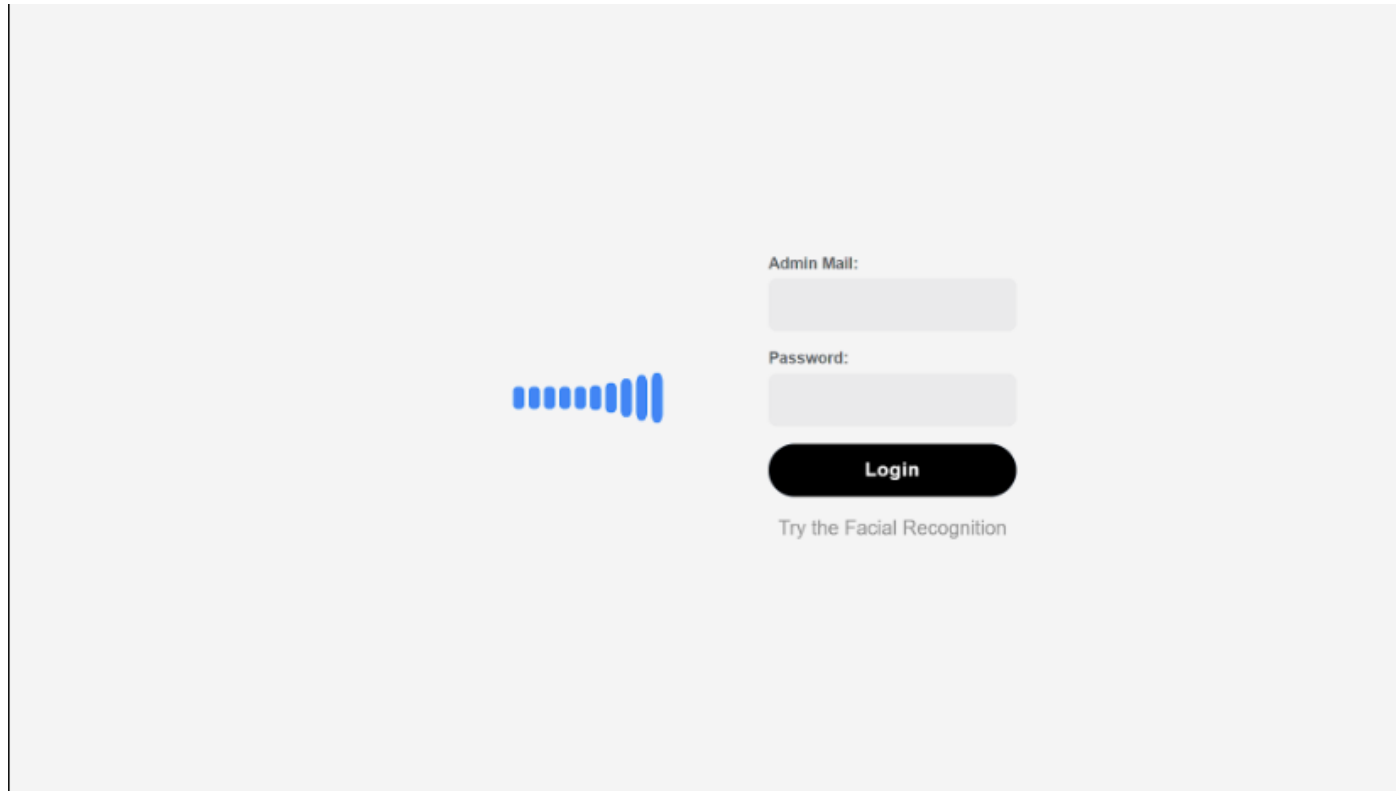pip install thread

pip install opencv-python

pip install face_recognition

pip install dlib

pip install flask

pip install cmake
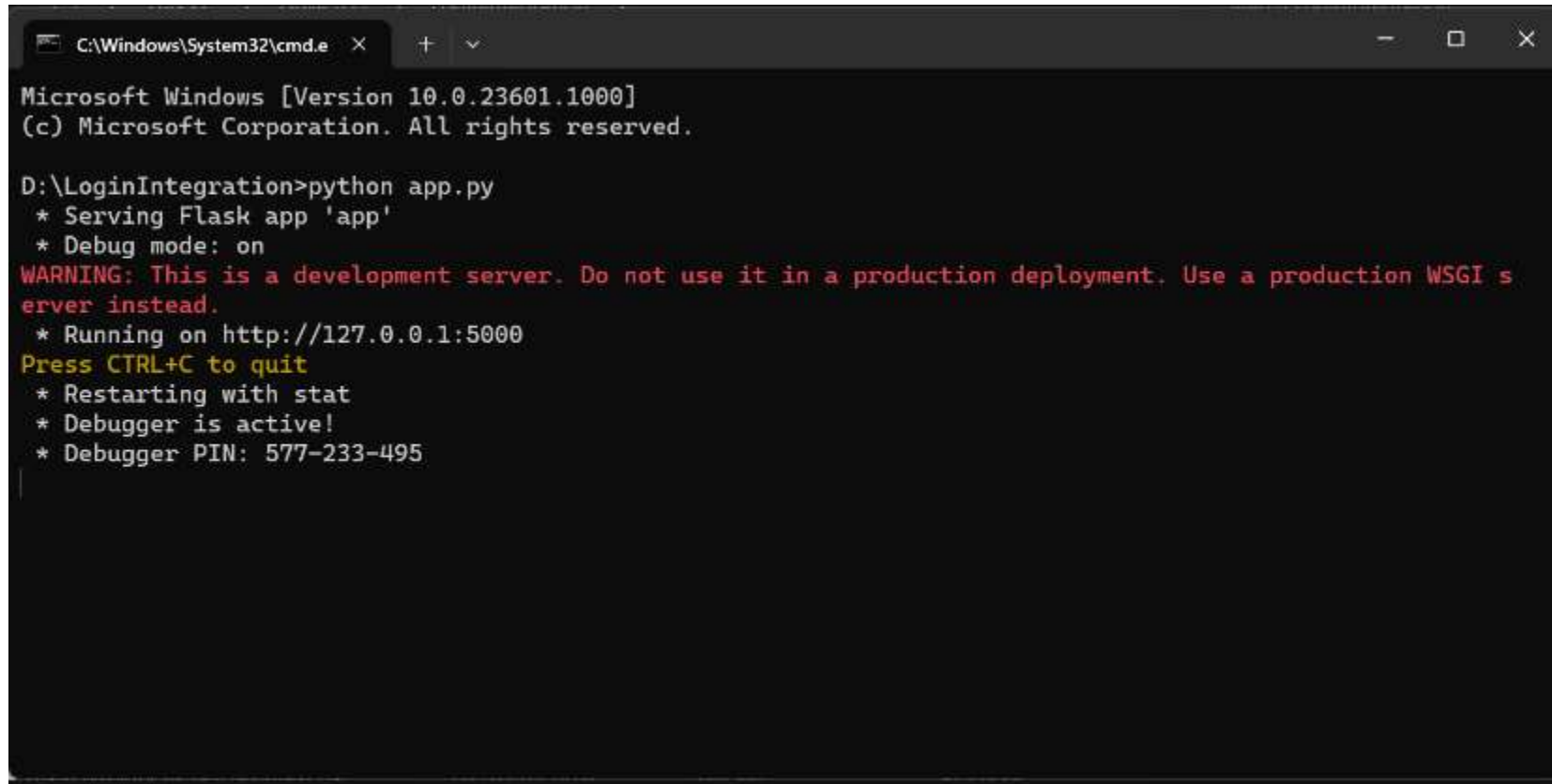
Start Screen

Verification Screen

Flask Running Screen

Deployments

You can view the source codes and files here:

https://github.com/aditya-ig10/web-face-lock