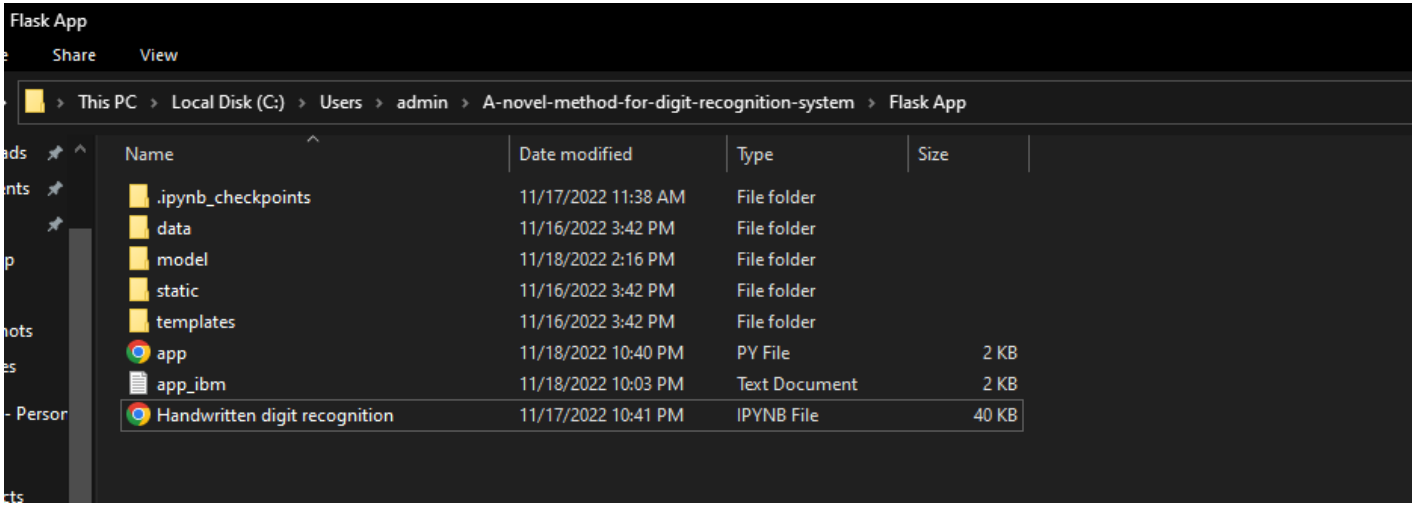
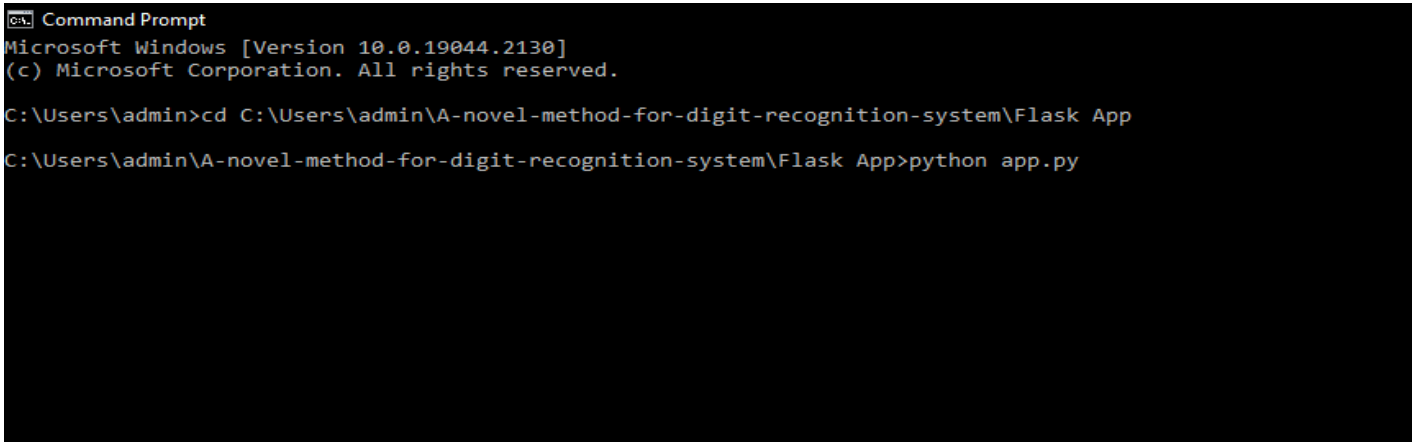
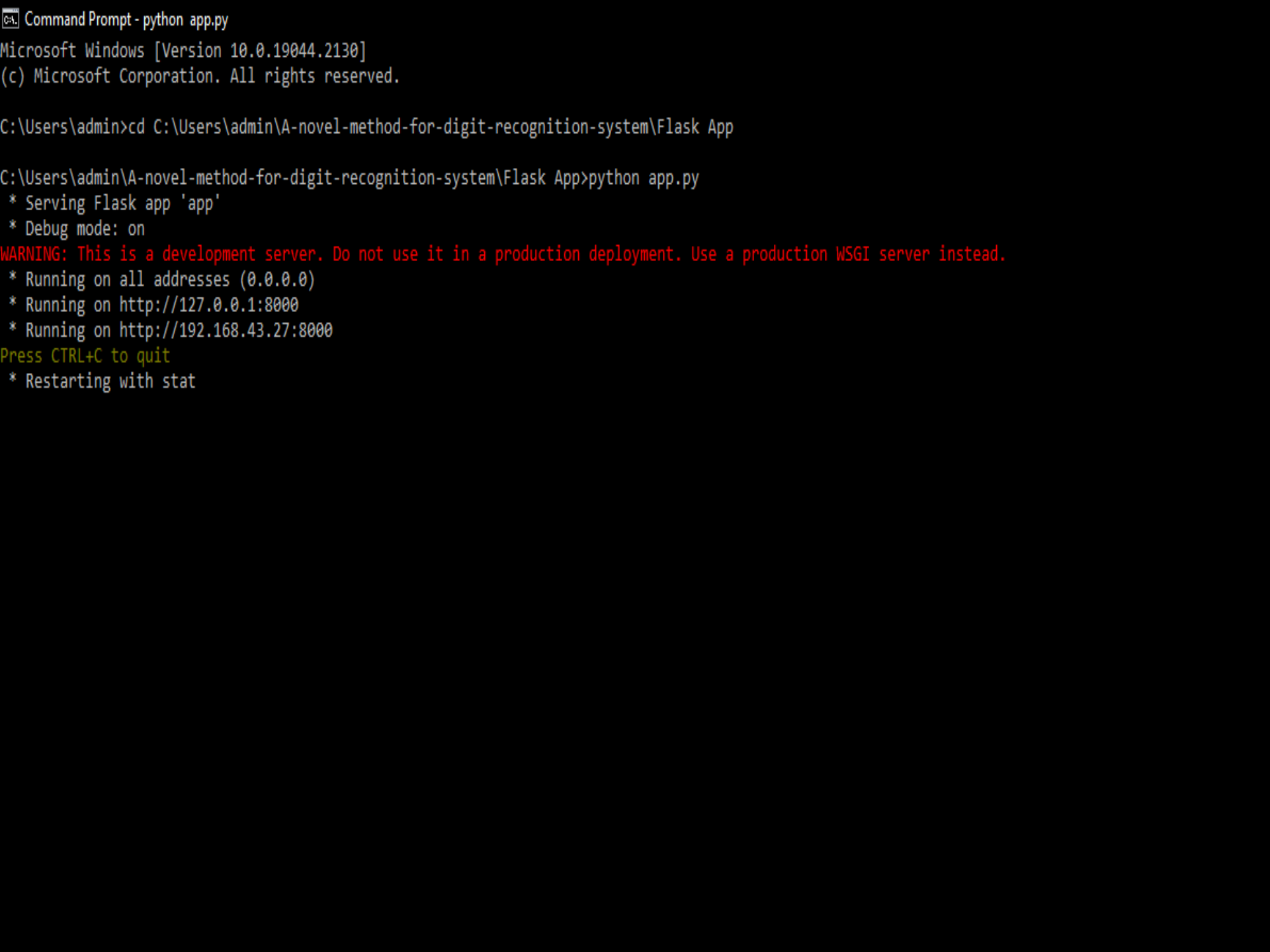
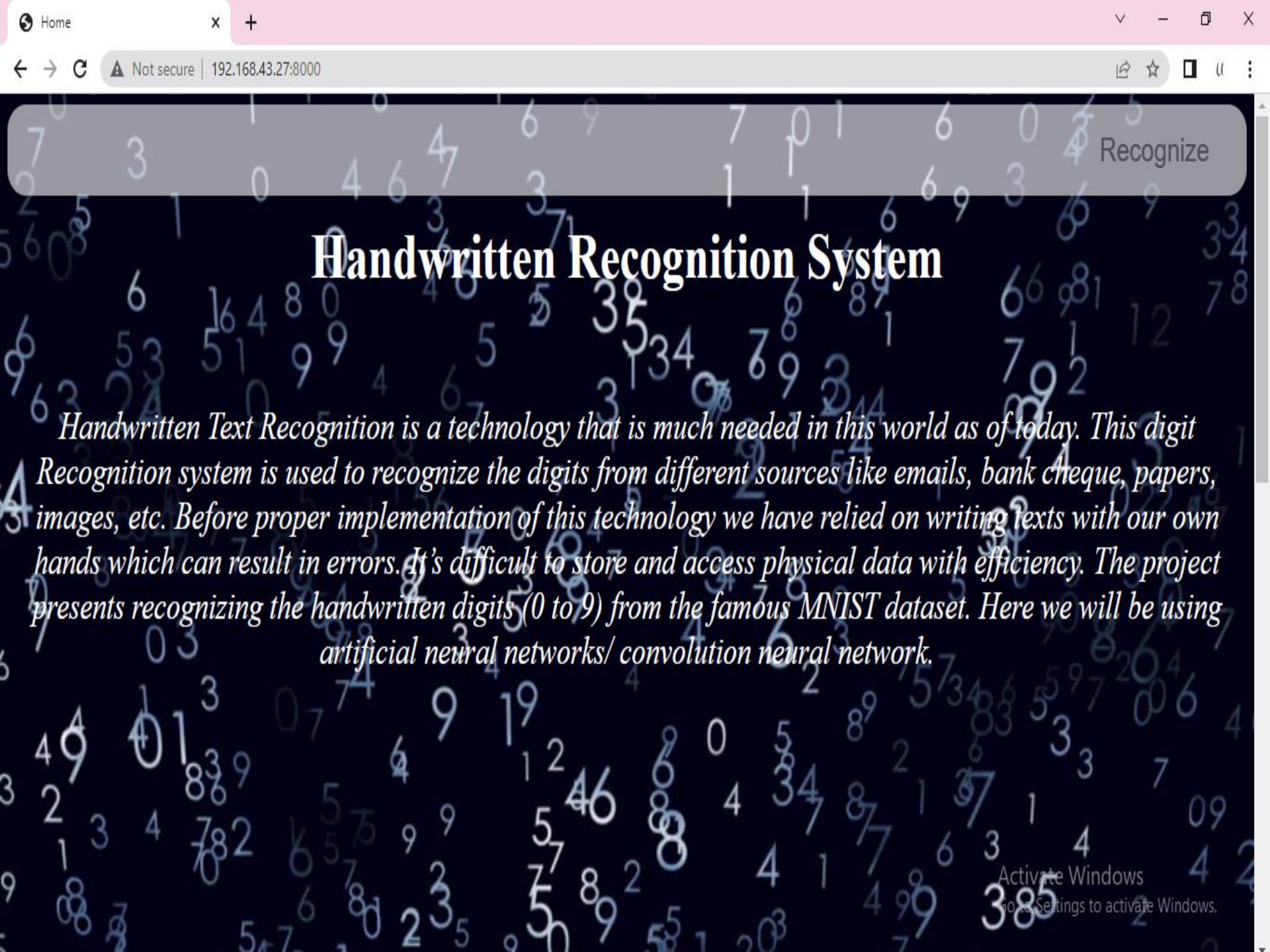
Project structure



Open in Command prompt




Command Prompt - python app.py
Microsoft Windows [Version 10.0.19044.2130]
(c) Microsoft Corporation. All rights reserved.
C:\Users\admin>cd C:\Users\admin\A-novel-method-for-digit-recognition-system\Flask App
C:\Users\admin\A-novel-method-for-digit-recognition-system\Flask App>python app.py
* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:8000
* Running on http://192.168.43.27:8000
Press CTRL+C to quit
* Restarting with stat


Home
Not secure
192.168.43.27:8000
Recognize
Handwritten Recognition System
Handwritten Text Recognition is a technology that is much needed in this world as of today. This digit Recognition system is used to recognize the digits from different sources like emails, bank cheque, papers, images, etc. Before proper implementation of this technology we have relied on writing texts with our own hands which can result in errors. It's difficult to store and access physical data with efficiency. The project presents recognizing the handwritten digits (0 to 9) from the famous MNIST dataset. Here we will be using artificial neural networks/ convolution neural network.
Activate Windows
Go to Settings to activate Windows.

192.168.43.27:8000/upload

Not secure | 192.168.43.27:8000/upload

Digit Recognition

Choose... Choose File No file chosen

Recognize

Select input image

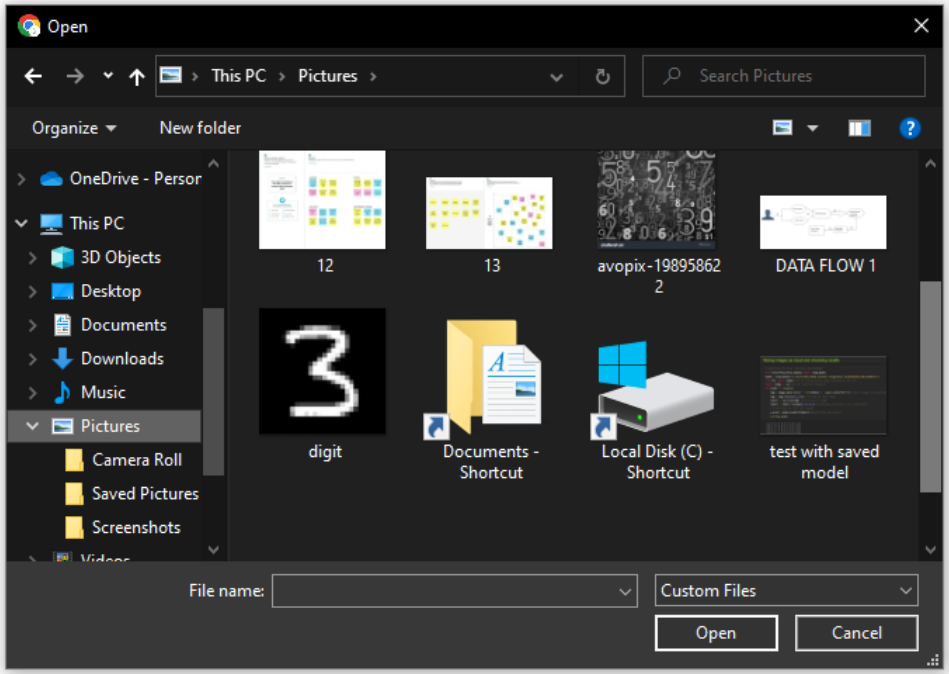
192.168.43.27:8000/upload

Not secure | 192.168.43.27:8000/upload

Digit Recognition

Choose... Choose File No file chosen

Recognize



192.168.43.27:8000/upload

Not secure | 192.168.43.27:8000/upload

Digit Recognition

Choose... Choose File digit.png

Recognize

OUTPUT

Digit Recognition

Not secure | 192.168.43.27:8000/about

Recognized digit is : 3