1. Remember to download all necessary files. :D

2. Start backend using cd <directory to the folder> Once started the backend, it will show the startup info (as shown in picture).
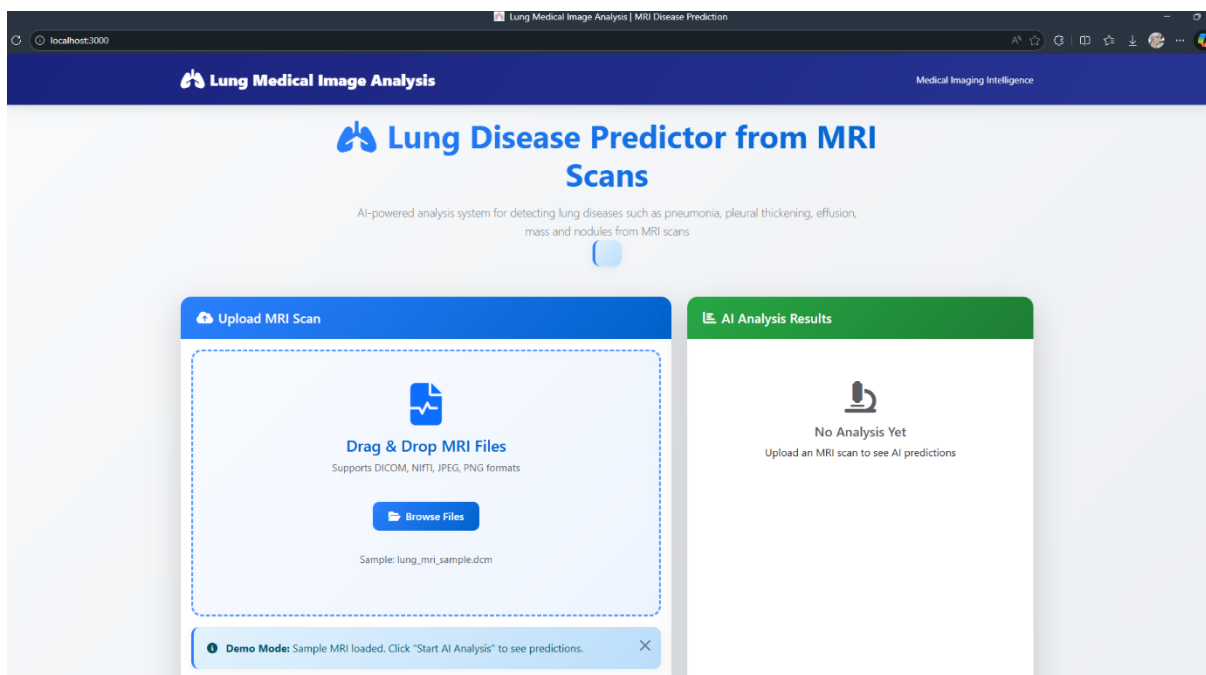
```
PS C:\Users\User\Desktop\AI_FRONTEND> uvicorn src.api.main:app --reload --port 8000
INFO:      Will watch for changes in these directories: ['C:\\Users\\User\\Desktop\\AI_FRONTEND']
INFO:      Uvicorn running on http://127.0.0.1:8000 (Press CTRL+C to quit)
INFO:      Started reloader process [21052] using StatReload
Loading model from: C:\Users\User\Desktop\AI_FRONTEND\src\models\lung_model.pt
SUCCESS: Model loaded.
INFO:      Started server process [12656]
INFO:      Waiting for application startup.
INFO:      Application startup complete.
```

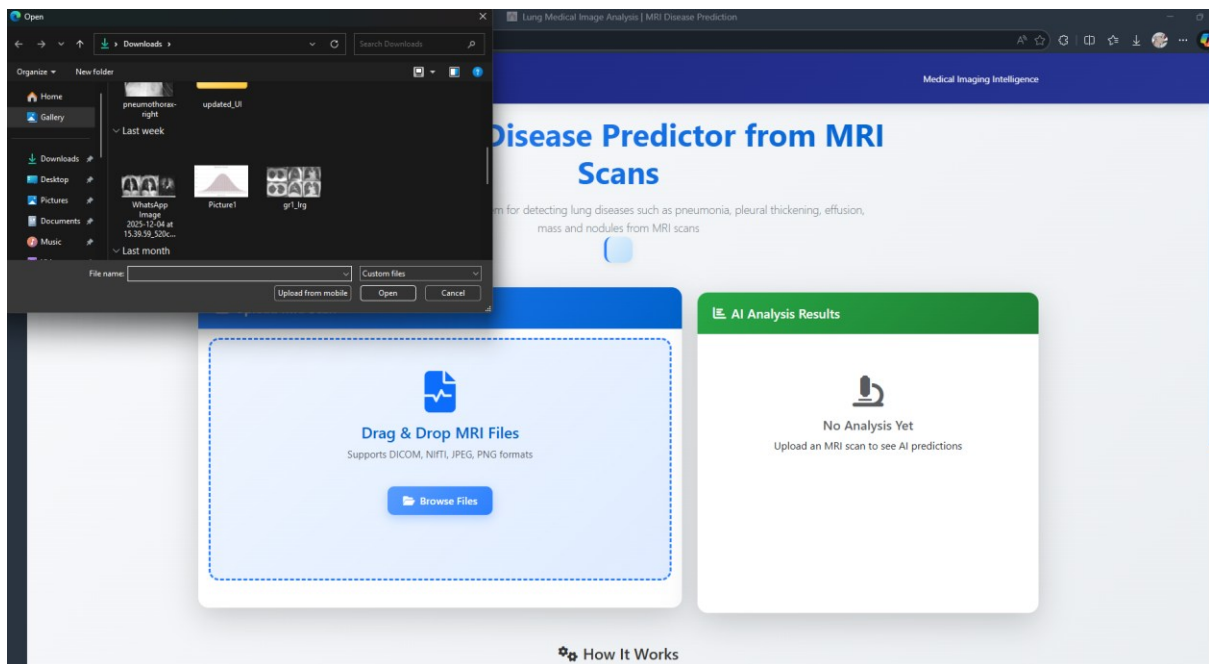3. Then start the frontend using the commands also.

```
PS C:\Users\User\Desktop\AI_FRONTEND> python -m http.server 3000
Serving HTTP on :: port 3000 (http://[::]:3000/) ...
```

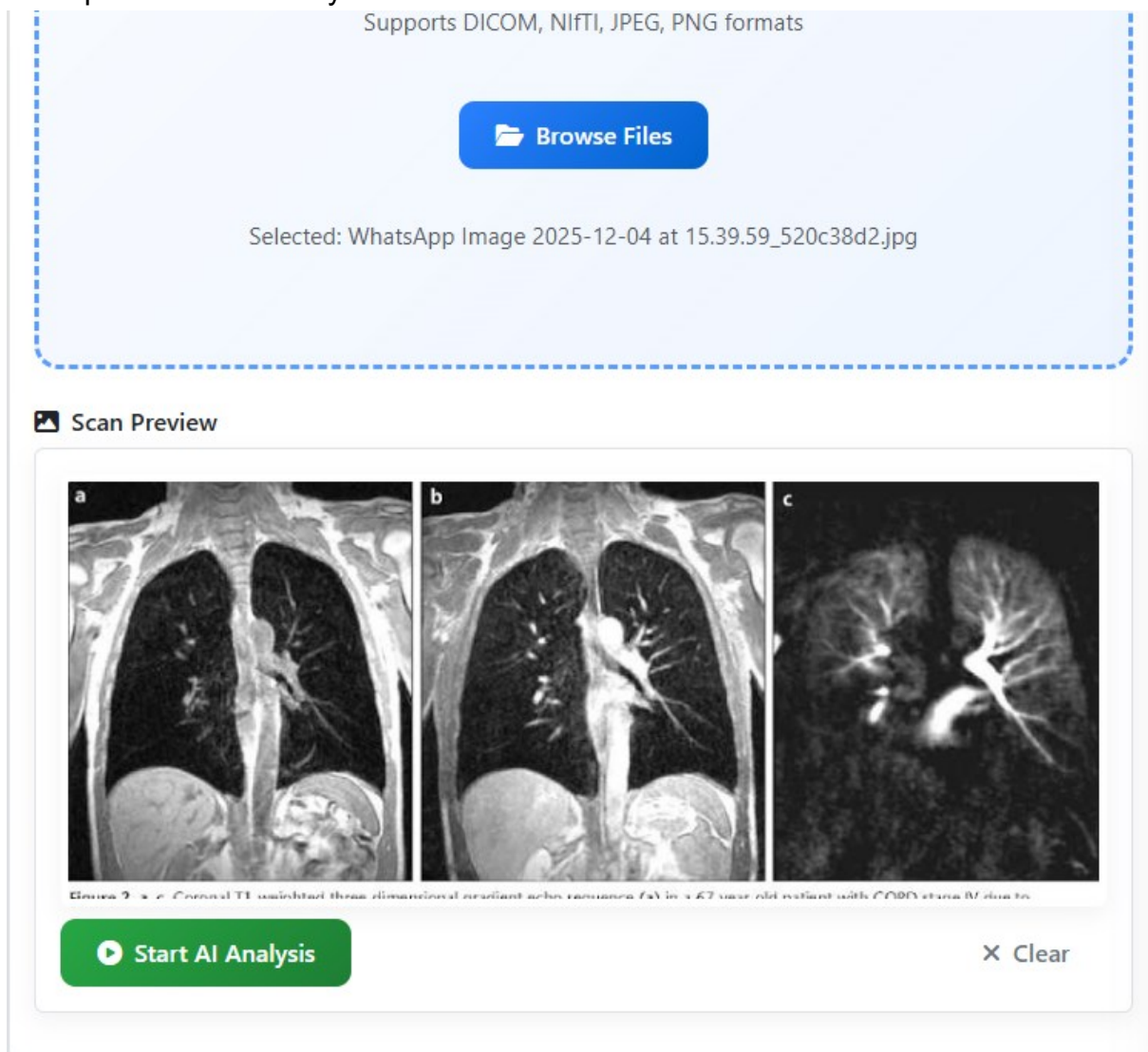4. then open the localhost on any browser. (I suggested edge become looks nicer hahaha) url: http://localhost:3000

Then you will see smtg like this:

5. Upload files

Then press start AI analysis

Then it will show results

6. To check whether it is functioning, check the dev console and the bash.

You will see these, if there are responses, it works.
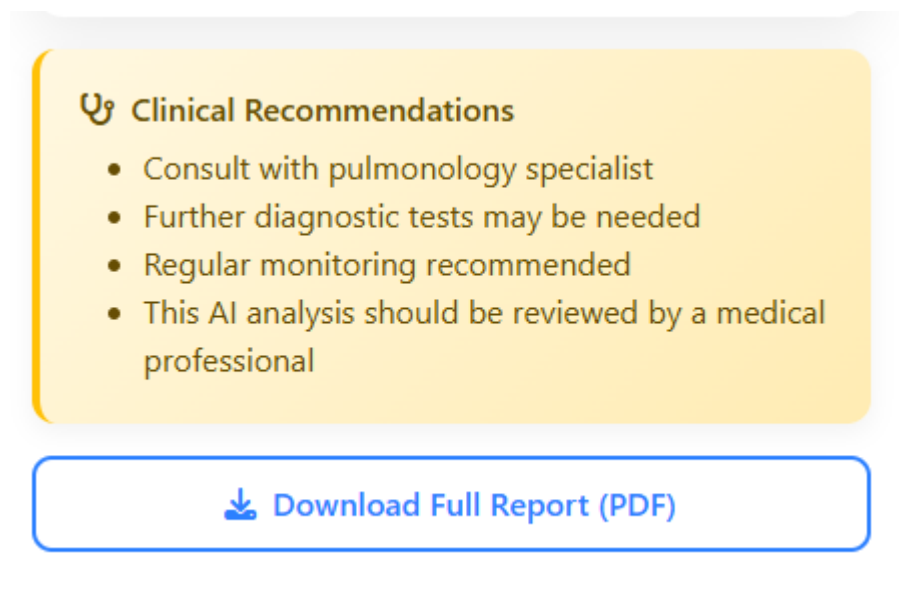
Infos from frontend:

```
Keyboard interrupt received, exiting.
PS C:\Users\User\Desktop\Lung-AI-Project> cd C:\Users\User\Desktop\AI_FRONTEND
PS C:\Users\User\Desktop\AI_FRONTEND> ^C
PS C:\Users\User\Desktop\AI_FRONTEND>  python -m http.server 3000
Serving HTTP on :: port 3000 (http://[::]:3000/) ...
::1 - - [11/Dec/2025 22:50:30] "GET / HTTP/1.1" 200 -
::1 - - [11/Dec/2025 22:50:30] "GET /style.css HTTP/1.1" 200 -
::1 - - [11/Dec/2025 22:50:30] "GET /script.js HTTP/1.1" 200 -
::1 - - [11/Dec/2025 22:50:31] "GET /favicon.ico HTTP/1.1" 200 -
```

Infos from backend:

```
0: 288x640 11 emphysemas, 895.1ms
Speed: 32.7ms preprocess, 895.1ms inference, 64.3ms postprocess per image at shape (1, 3, 288, 640)
INFO:     127.0.0.1:60445 - "POST /predict HTTP/1.1" 200 OK
```

So basically, when it shows that you managed to sent requests and get responses, it works.

Just to mention, there are some extra features. :D

Clinical Recommendations

- Consult with pulmonology specialist
- Further diagnostic tests may be needed
- Regular monitoring recommended
- This AI analysis should be reviewed by a medical professional

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