

Medical App Documentation

Directory structure:

```
vaishnavi@ubuntu-s-1vcpu-2gb-blr1-01: ~/vaishnavi/fastapi_crud
vaishnavi@ubuntu-s-1vcpu-2gb-blr1-01:~/vaishnavi/fastapi_crud$ ls -l
total 76
-rwxrwxrwx 1 vaishnavi vaishnavi 18392 Jan 23 15:03 ComputeModule
drwxrwxrwx 2 vaishnavi vaishnavi 4096 Feb 23 09:23 ECG_data
drwxrwxrwx 8 vaishnavi vaishnavi 4096 Feb 24 05:44 Medical_app
-rwxrwxrwx 1 vaishnavi vaishnavi 18392 Jan 18 16:50 'Medical_app$'
drwxrwxrwx 2 vaishnavi vaishnavi 4096 Dec 6 16:07 myenv
-rwxrwxrwx 1 vaishnavi vaishnavi 561 Feb 24 05:46 computeModule.py
drwxrwxrwx 5 vaishnavi vaishnavi 4096 Dec 6 16:35 myenv
-rwxrwxrwx 1 root root 12824 Feb 24 06:05 nohup.out
vaishnavi@ubuntu-s-1vcpu-2gb-blr1-01:~/vaishnavi/fastapi_crud$
```

- 1) vaishnavi/fastapi_crud/**Medical_app** – contains all code files for the app.
- 2) vaishnavi/fastapi_crud/**ECG_data** – contains the ecg file pushed through the client side also the result file gets uploaded in this directory.
- 3) vaishnavi/fastapi_crud/**myenv** – python virtual environment containing all necessary installations and dependencies of required libraries. It is recommended to activate the environment before installing any additional libraries/packages for further development.
2/24/2024
- 4) To activate environment –
 - cd vaishnavi/fastapi_crud/
 - source myenv/bin/activate
- 5) Additional files in fastapi_crud –
 - ComputeModule.py – Python code for testing the compute module
 - Nohup.out – all the terminal output on running the app gets recorded in this file.

Steps to run the app:

- cd vaishnavi/fastapi_crud/
- source myenv/bin/activate
- cd Medical_app
- nohup uvicorn app:app --reload --host 0.0.0.0 --port 8000 &

Stop the server :

- sudo lsof -t -i tcp:8000 | xargs kill -9

Access the server :

- <http://139.59.61.255:8000/docs>