

User guide

1st approach recommended

You can launch our application through a development server which requires a lot of configurations, installations and dependencies but guess what!!.. Even cooler, our application is already deployed in production and we are ready to go. Our application is runnable on any platform and any environment with no issues or headaches. All you have to install is docker and docker-compose.

You only should have docker and docker compose installed in your system. The following link shows the installation method for different operating systems

<https://docs.docker.com/get-docker/>

You should also have these ports to be available

- 1) port 80
- 2) port 2717
- 3) port 8080
- 4) port 8081

After fulfilling the mentioned requirements you could easily build and start your cluster by running these simple commands after opening terminal from "Notety" directory

- 1) `docker-compose build`
- 2) `docker-compose -f 'docker-compose.yml' -p 'notety' up`

And stop it by this command

- 3) `docker-compose -f 'docker-compose.yml' -p 'notety' down`

The application would be served on port 80

Visit 127.0.0.1

Mongo-Express on 127.0.0.1:8081

Have fun!!

2nd approach

If for any reason docker containers did not run as expected no worries !!

you could start a development server on port 5000

By these simple steps

Requirements

- 1) You should have python 3.9.4 or higher
- 2) Install MongoDB and Compass (make sure that mongo shell is running at least)

Steps

1) Run the following command: "pip3 install pipenv" in order to install pipenv globally

2) Move to directory "flask" inside "Notety"

Open terminal inside the current folder and run the following commands

3) pipenv shell

4) pipenv install

These commands would start a new virtual environment and install dependencies.

Declare new global variables by running these commands.

FOR LINUX !!

5) export FLASK_APP=run.py

6) export FLASK_ENV=development

FOR WINDOWS!!

5) set FLASK_APP=run.py

6) set FLASK_ENV=development

Run the following command on the same terminal

7) flask run

8) Visit 127.0.0.1:5000

Have fun!!