Install:

apt-get install python3-venv

python3 -m venv flask //Create a venv called flask.

source flask/bin/activate //activate the venv

pip install -r requirements.txt

run "FLASK\_APP=Webapp.py"

run "flask run"

API:

|  |  |  |
| --- | --- | --- |
| Get | /api/users/<id> | Return a user. |
| Post | /api/users | Register a new user |
| Put | /api/users/<id> | Update user’s info |
| --auth post | /api/token | Request a token |
| Delete | /api/token | Revoke a token |

Test it:

http POST http://localhost:5000/api/users username=wei password=1234 email=wei@example.com

A screenshot of a cell phone

Description automatically generated

http GET <http://localhost:5000/api/users/2>

//unauthorized if you do not have a token.

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Description automatically generated

http --auth wei:1234 POST <http://localhost:5000/api/tokens>

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Description automatically generated

http GET http://localhost:5000/api/users/2 \Authorization:"Bearer LidKTEEV1gadNTcb+S0cZsf5az3gXlOH"

#need to replace user.id and the token

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Description automatically generated

http PUT http://localhost:5000/api/users/2 username=wei2 email=wei2@example.com \Authorization:"Bearer LidKTEEV1gadNTcb+S0cZsf5az3gXlOH"

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Description automatically generated

http DELETE http://localhost:5000/api/tokens \ Authorization:"Bearer 69V97OtJLsmP24sePyH6ykH3qavwCAIC"

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