

Workspaces ▾ More ▾

Upgrade ▾

GET https://flaskweb-hfr

POST http://localhost:5000

DEL http://127.0.0.1:5000

+

▾

No environment ▾

HTTP

http://127.0.0.1:5000/users/1

Save ▾

Share

</>

DELETE ▾

http://127.0.0.1:5000/users/1

Send ▾

Params

Auth ●

Headers (9)

Body ●

Scripts

Settings

Cookies

Beautify

raw ▾

JSON ▾

1 {

2 |

3 | "username": "balaji",

4 | "email": "balaji@example.com",

5 | "password": "balaji",

6 | "name": "balaji"

7 }

Body ▾

200 OK • 507 ms • 191 B •

{ } JSON ▾

Preview

Visualize ▾

1 {

2 |

3 | "message": "User deleted successfully"

4 }

Workspaces ▾ More ▾

Upgrade ▾

GET https://flaskweb-hfr

POST http://localhost:5000

POST http://127.0.0.1:5000

+

▾

No environment ▾

HTTP

http://127.0.0.1:5000/users

Save ▾

Share

</>

POST ▾

http://127.0.0.1:5000/users

Send ▾

Params

Auth ●

Headers (9)

Body ●

Scripts

Settings

Cookies

Beautify

raw ▾

JSON ▾

```
1 {
2   "username": "balaji",
3   "email": "balaji@example.com",
4   "password": "balaji",
5   "name": "balaji"
6 }
```

Body ▾

201 CREATED • 514 ms • 316 B •

{ } JSON ▾

▶ Preview

🔄 Visualize ▾

```
1 {
2   "message": "User registered successfully",
3   "user": {
4     "email": "balaji@example.com",
5     "id": 2,
6     "name": "balaji",
7     "username": "balaji"
8   }
9 }
```

Almost done 🚧

Workspaces ▾ More ▾

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Upgrade ▾

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GET https://flaskweb-hft

POST http://localhost:5000

POST http://127.0.0.1:5000

+

▾

No environment ▾

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http://127.0.0.1:5000/login

Save ▾

Share

</>

POST ▾

http://127.0.0.1:5000/login

Send ▾

↗️

Params

Auth ●

Headers (9)

Body ●

Scripts

Settings

Cookies

Auth Type

Basic Auth ▾

Username

ba

Password

ba ⚠️

The authorization header will be automatically generated when you send the request.
Learn more about [Basic Auth](#)

Body ▾

🔄

200 OK • 571 ms • 293 B • 🌐

⋮

{ } JSON ▾

▶ Preview

🔄 Visualize ▾

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```
1 {
2   "message": "Login successful",
3   "user": {
4     "email": "bji2@example.com",
5     "id": 1,
6     "name": "balaji",
7     "username": "ba"
8   }
9 }
```

Workspaces More

GET https://flaskweb-hfr POST http://localhost:5000 GET http://127.0.0.1:5000 + No environment

HTTP http://127.0.0.1:5000/users Save Share

GET http://127.0.0.1:5000/users Send

Params Auth Headers (9) Body Scripts Settings Cookies Beautify

raw JSON

```
1 {
2   "username": "ba",
3   "email": "bji2@example.com",
4   "password": "ba",
5   "name": "balaji"
6 }
```

Body 200 OK • 252 ms • 280 B

{ } JSON Preview Visualize

```
1 {
2   "users": [
3     {
4       "email": "bji2@example.com",
5       "id": 1,
6       "name": "balaji",
7       "username": "ba"
8     }
9   ]
10 }
```

File Edit Selection View Go Run Terminal Help capstone

EXPLORER

- requirements.txt
- confest.py
- extensions.py
- config.py
- models.py
- test_auth.py
- test_user.py
- pytest.ini
- db.py

OPEN EDITORS

- requirements.txt
- confest.py tests
- extensions.py appz
- config.py appz
- models.py appz
- test_auth.py tests
- test_user.py tests
- pytest.ini
- db.py appz

CAPSTONE

- appz
 - confest.py
 - db.py
 - extensions.py
 - models.py
 - mydatabase.db
- myenv
- tests
 - __pycache__
 - confest.cpython-311-pytest-7... M
 - test_auth.cpython-311-pytest-7... M
 - test_user.cpython-311-pytest-7... M
- confest.py
- test_auth.py M
- test_user.py

dockerfile

- mydatabase.db
- pytest.ini
- README.md
- requirements.txt

OUTLINE

TIMELINE

```
tests > test_auth.py > ...
4 def test_login_success(client, app):
12     data = response.get_json()
13     assert data["message"] == "Login successful"
14
15 def test_login_fail(client):
16     response = client.post("/login", json={"username": "nonexistent", "password": "wrong"})
17     assert response.status_code == 401
18
19 # Parse the JSON response
20 data = response.get_json()
21
22 assert data["message"] == "Unauthorized"
23
24
```

OUTPUT PROBLEMS DEBUG CONSOLE TERMINAL PORTS SPELL CHECKER COMMENTS

```
platform win32 -- Python 3.11.9, pytest-7.1.2, pluggy-1.5.0
rootdir: C:\Users\balaji\OneDrive\Documents\Wexturn\Capstone Project\2\1\capstone, configfile: pytest.ini
plugins: flask-1.2.0
collected 9 items

test_app.py ..... [ 55%]
tests\test_auth.py .. [ 77%]
tests\test_user.py .. [100%]

===== 9 passed in 7.51s =====

(myenv) C:\Users\balaji\OneDrive\Documents\Wexturn\Capstone Project\2\1\capstone
```

JavaSE-21 LTS

docker desktop PERSONAL Search Ctrl+K 🔔 📧 ⚙️ 🗖️ B — 🗑️ ×

Containers / objective_cannon

objective_cannon
🔑 7a0cc4297417 🐳 flask-user-apilatest
5000:5000

STATUS
Exited (0) (43 minutes ago) 🔍 ▶️ 🔄 🗑️

Logs Inspect Bind mounts Exec Files Stats

```
2025-02-20 22:42:47 * Running on all addresses.
2025-02-20 22:42:47 * Serving Flask app 'run.py' (lazy loading)
2025-02-20 22:42:47 * Environment: development
2025-02-20 22:42:47 * Debug mode: on
2025-02-20 22:42:47 WARNING: This is a development server. Do not use it in a production deployment.
2025-02-20 22:42:47 * Running on http://172.17.0.2:5000/ (Press CTRL+C to quit)
2025-02-20 22:42:47 * Restarting with stat
2025-02-20 22:42:48 * Debugger is active!
2025-02-20 22:42:48 * Debugger PIN: 519-880-376
```

IP
192.168.0.18 OPEN PORT 5000

Memory
34.32% (1.341GiB / 3.906GiB)

CPU
2.97%

SSH
ssh ip172-18-0-6-curm7m0l2o9000fvtps0@direct.labs.play 📄

DELETE EDITOR

```
8ccfaa3abdee: Pull complete
4d603a9d3bc1: Pull complete
26b16181cdb5: Pull complete
97d2cf3a8d12: Pull complete
09be66634ec5: Pull complete
Digest: sha256:8a75248dc4bef45611ed21f439f8c58d55ece6aa8eb13541d43fedc0ce8093fd
Status: Downloaded newer image for balajiyoganantham/flask-api-usermanagement:latest
docker.io/balajiyoganantham/flask-api-usermanagement:latest
[node1] (local) root@192.168.0.18 ~
$ docker run -p 5000:5000 balajiyoganantham/flask-api-usermanagement
* Serving Flask app 'run.py' (lazy loading)
* Environment: development
* Debug mode: on
* Running on all addresses.
WARNING: This is a development server. Do not use it in a production deployment.
* Running on http://172.17.0.2:5000/ (Press CTRL+C to quit)
* Restarting with stat
```

Workspaces ▾ More ▾

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Upgrade ▾

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GET https://flaskweb-hft • POST http://localhost:5000 • PUT http://127.0.0.1:5000 • + ▾

No environment ▾

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http://127.0.0.1:5000/users/3

Save ▾

Share

</>

PUT ▾

http://127.0.0.1:5000/users/3

Send ▾

↕️

Params Auth Headers (9) Body Scripts Settings

Cookies

raw ▾ JSON ▾

Beautify

```
1 {
2   "username": "balaji11",
3   "email": "balaji12345@example.com",
4   "password": "balaji11",
5   "name": "balaji"
6 }
```

Body ▾ ↺

200 OK • 989 ms • 315 B • 🌐 ⋮

{ } JSON ▾

▶ Preview 🔗 Visualize ▾

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```
1 {
2   "message": "User updated successfully",
3   "user": {
4     "email": "balaji12345@example.com",
5     "id": 3,
6     "name": "balaji",
7     "username": "balaji11"
8   }
9 }
```