Simulating log in using HTTP Bearer. This is token based authentication for users
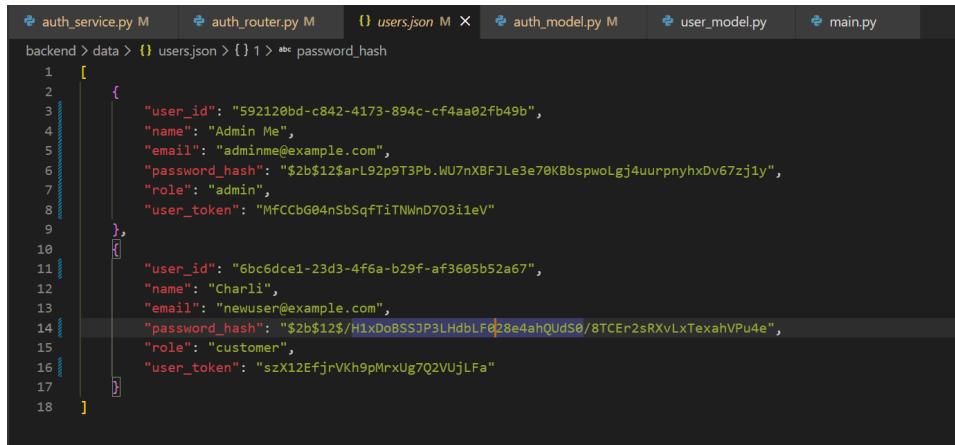
Available authorizations ✕

HTTPBearer (http, Bearer)

Value:

```
2EfjrVKh9pMrxUg7Q2VUjLFa
```

[Authorize] [Close]

Data used is from the example customer Charli

```
auth_service.py M    auth_router.py M    {} users.json M ✕    auth_model.py M    user_model.py    main.py

backend > data > {} users.json > {} 1 > ᵃᵇᶜ password_hash
1   [
2       {
3           "user_id": "592120bd-c842-4173-894c-cf4aa02fb49b",
4           "name": "Admin Me",
5           "email": "adminme@example.com",
6           "password_hash": "$2b$12$arL92p9T3Pb.WU7nXBFJLe3e70KBbspwoLgj4uurpnyhxDv67zj1y",
7           "role": "admin",
8           "user_token": "MfCCbG04nSbSqfTiTNWnD7O3i1eV"
9       },
10      {
11          "user_id": "6bc6dce1-23d3-4f6a-b29f-af3605b52a67",
12          "name": "Charli",
13          "email": "newuser@example.com",
14          "password_hash": "$2b$12$/H1xDoBSSJP3LHdbLF028e4ahQUdS0/8TCEr2sRXvLxTexahVPu4e",
15          "role": "customer",
16          "user_token": "szX12EfjrVKh9pMrxUg7Q2VUjLFa"
17      }
18  ]
```

Getting user by user_id

Curl

```
curl -X 'GET' \
  'http://127.0.0.1:8000/auth/users/6bc6dce1-23d3-4f6a-b29f-af3605b52a67' \
  -H 'accept: application/json'
```

Request URL

```
http://127.0.0.1:8000/auth/users/6bc6dce1-23d3-4f6a-b29f-af3605b52a67
```

Server response

Code	Details
200	**Response body**

```
{
  "user_id": "6bc6dce1-23d3-4f6a-b29f-af3605b52a67",
  "name": "Charli",
  "email": "newuser@example.com",
  "user_token": "szX12EfjrVKh9pMrxUg7Q2VUjLFa",
  "role": "customer"
}
```

[Download]

Reading the current user

GET /auth/me Read Current User 🔒 ⌃

Return profile for authenticated user (requires Bearer token).

Parameters [Cancel]

No parameters

[Execute] [Clear]

Responses

Curl

```
curl -X 'GET' \
  'http://127.0.0.1:8000/auth/me' \
  -H 'accept: application/json' \
  -H 'Authorization: Bearer szX12EfjrVKh9pMrxUg7Q2VUjLFa'
```

Server response

Code	Details
200	**Response body**

```
{
    "user_id": "6bc6dce1-23d3-4f6a-b29f-af3605b52a67",
    "name": "Charli",
    "email": "newuser@example.com",
    "user_token": "szX12EfjrVKh9pMrxUg7Q2VUjLFa",
    "role": "customer"
}
```

Response headers

```
content-length: 158
content-type: application/json
date: Sun,16 Nov 2025 02:53:51 GMT
server: uvicorn
```

Responses

Check if admin privileges are provided to our customer

Curl

```
curl -X 'GET' \
  'http://127.0.0.1:8000/auth/admin-only' \
  -H 'accept: application/json' \
  -H 'Authorization: Bearer 6bc6dce1-23d3-4f6a-b29f-af3605b52a67'
```

Request URL

```
http://127.0.0.1:8000/auth/admin-only
```

Server response

Code	Details
401 *Undocumented*	Error: Unauthorized

Response body

```
{
    "detail": "Invalid or expired token"
}
```

Attempting to change the admin role of "Admin me", (who is currently an admin) from Charli who is currently a customer

POST /auth/users/{user_id}/role Assign Role To User

Admin-only: set role for a user by user_id. Request body: {"role": "admin"} or {"role": "customer"}

Parameters   Cancel   Reset

Name	Description
user_id * required string (path)	6bc6dce1-23d3-4f6a-b29f-af3605b52a67

Request body required   application/json ▾

Edit Value | Schema

```
{
  "role": "admin"
}
```

```
curl -X 'POST' \
  'http://127.0.0.1:8000/auth/users/6bc6dce1-23d3-4f6a-b29f-af3605b52a67/role' \
  -H 'accept: application/json' \
  -H 'Authorization: Bearer 6bc6dce1-23d3-4f6a-b29f-af3605b52a67' \
  -H 'Content-Type: application/json' \
  -d '{
  "role": "admin"
}'
```

Request URL

```
http://127.0.0.1:8000/auth/users/6bc6dce1-23d3-4f6a-b29f-af3605b52a67/role
```

Server response

Code	Details
401 *Undocumented*	Error: Unauthorized

Response body

```
{
    "detail": "Invalid or expired token"
}
```

Doing this from the admin page and changing Charli to an admin
auth/ Admin

```
curl -X 'GET' \
  'http://127.0.0.1:8000/auth/admin-only' \
  -H 'accept: application/json' \
  -H 'Authorization: Bearer MfCCbG04nSbSqfTiTNWmD7O3i1eV'
```

Request URL

```
http://127.0.0.1:8000/auth/admin-only
```

Server response

Code	Details
200	**Response body**

```
{
  "message": "admin access granted",
  "user_id": "592120bd-c842-4173-894c-cf4aa02fb49b"
}
```

Download

Admin updating roles

Name	Description
user_id * required string *(path)*	6bc6dce1-23d3-4f6a-b29f-af3605b52a67

Request body required

application/json ⌄

Edit Value | Schema

```
{
  "role": "admin"
}
```

Curl

```
curl -X 'POST' \
  'http://127.0.0.1:8000/auth/users/6bc6dce1-23d3-4f6a-b29f-af3605b52a67/role' \
  -H 'accept: application/json' \
  -H 'Authorization: Bearer MfCCbG04nSbSqfTiTNWmD7O3i1eV' \
  -H 'Content-Type: application/json' \
  -d '{
  "role": "admin"
}'
```

Request URL

```
http://127.0.0.1:8000/auth/users/6bc6dce1-23d3-4f6a-b29f-af3605b52a67/role
```

Server response

Code	Details
200	**Response body**

```
{
  "message": "role updated",
  "user": {
    "user_id": "6bc6dce1-23d3-4f6a-b29f-af3605b52a67",
    "email": "newuser@example.com",
    "role": "admin"
  }
}
```

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