

Nimbus API

0.1.0 OAS 3.1

</openapi.json>

Authorize



default



GET

</api/health> Health

Parameters

Cancel

No parameters

Execute

Clear

Responses

Curl

```
curl -X 'GET' \  
  'http://127.0.0.1:8000/api/health' \  
  -H 'accept: application/json'
```

Request URL

<http://127.0.0.1:8000/api/health>

Server response

Code

Details

200

Response body

```
{  
  "ok": true  
}
```

Download

Code

Details

Response headers

```
content-length: 11
content-type: application/json
date: Thu,08 Jan 2026 20:38:46 GMT
server: uvicorn
```

Responses

Code

Description

Links

200

Successful Response

No links

Media type

application/json

Controls Accept header.

Example Value Schema

"string"

tasks



GET

/api/tasks List Tasks



Parameters

Cancel

Name

Description

offset
integer
(query)

0

limit
integer
(query)

5

maximum: 100

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
  'http://127.0.0.1:8000/api/tasks?offset=0&limit=5' \
  -H 'accept: application/json'
```

Request URL

http://127.0.0.1:8000/api/tasks?offset=0&limit=5

Server response



Code	Details
401 <i>Undocumented</i>	<div>Error: Unauthorized</div> <div>Response body<div><pre>{ "detail": "Not authenticated" }</pre></div><div>Response headers<div>content-length: 30 content-type: application/json date: Thu,08 Jan 2026 20:44:10 GMT server: uvicorn www-authenticate: Bearer</div></div></div>

Download

Responses

Code	Description	Links
200	<div>Successful Response</div> <div>Media type<div>application/json</div>Controls Accept header.</div> <div>Example Value Schema<div><pre>[{ "id": 0, "user_id": 0, "title": "string", "is_completed": true, "created_at": "2026-01-08T20:47:04.915Z", "updated_at": "2026-01-08T20:47:04.915Z" }]</pre></div></div>	No links
422	<div>Validation Error</div> <div>Media type<div>application/json</div></div>	No links

Code	Description	Links
	Example Value Schema	
	<pre>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }]}</pre>	

POST /api/tasks Create Task  

Parameters

Cancel

Reset

No parameters

Request body required

application/json

Edit Value Schema

```
{  "title": "Strict Test Task 1"}
```

Execute

Clear

Responses

Curl

```
curl -X 'POST' \
  'http://127.0.0.1:8000/api/tasks' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{
    "title": "Strict Test Task 1"
  }'
```

Request URL

http://127.0.0.1:8000/api/tasks

Server response

Code	Details
401 <i>Undocumented</i>	<div>Error: Unauthorized</div> <div>Response body</div> <div><pre>{ "detail": "Not authenticated" }</pre></div> <div>Download</div> <div>Response headers</div> <div><pre>content-length: 30 content-type: application/json date: Thu,08 Jan 2026 20:43:04 GMT server: uvicorn www-authenticate: Bearer</pre></div>

Responses

Code	Description	Links
201	<div>Successful Response</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div><pre>{ "id": 0, "user_id": 0, "title": "string", "is_completed": true, "created_at": "2026-01-08T20:47:04.917Z", "updated_at": "2026-01-08T20:47:04.917Z" }</pre></div>	No links
422	<div>Validation Error</div> <div>Media type</div> <div>application/json</div>	No links

Code

Description

Links

Example Value Schema

```
{
  "detail": [
    {
      "loc": [
        "string",
        0
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

PUT

/api/tasks/{task_id} Update Task



Parameters

Cancel

Reset

Name

Description

task_id * required

integer

(path)

5

Request body required

application/json

Edit Value

Schema

```
{
  "title": "Updated Task Title"
}
```



Execute

Clear

Responses

Curl

```
curl -X 'PUT' \
  'http://127.0.0.1:8000/api/tasks/5' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{
    "title": "Updated Task Title"
  }'
```

Request URL

http://127.0.0.1:8000/api/tasks/5

Server response

Code	Details
401 <i>Undocumented</i>	<div>Error: Unauthorized</div> <div>Response body<div>{ "detail": "Not authenticated" }</div></div> <div>Response headers<div>content-length: 30 content-type: application/json date: Thu,08 Jan 2026 20:44:54 GMT server: uvicorn www-authenticate: Bearer</div></div> <div>Download</div>

Responses

Code	Description	Links
200	<div>Successful Response</div> <div>Media type<div>application/json</div><div>Controls Accept header.</div></div> <div>Example Value Schema<div>{ "id": 0, "user_id": 0, "title": "string", "is_completed": true,</div></div>	No links

Code	Description	Links
	<pre>"created_at": "2026-01-08T20:47:04.920Z", "updated_at": "2026-01-08T20:47:04.920Z" }</pre>	
422	Validation Error	No links
	Media type <div>application/json</div>	
	Example Value Schema	
	<pre>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }] }</pre>	

DELETE /api/tasks/{task_id} Delete Task



Parameters

Cancel

Name	Description
------	-------------

task_id * requiredinteger
(path)

Execute

Clear

Responses

Curl

```
curl -X 'DELETE' \
'http://127.0.0.1:8000/api/tasks/5' \
-H 'accept: */*'
```

Request URL

http://127.0.0.1:8000/api/tasks/5

Server response

Code	Details
401 <i>Undocumented</i>	<div>Error: Unauthorized</div> <div>Response body</div> <div><pre>{ "detail": "Not authenticated"}</pre></div> <div>Download</div> <div>Response headers</div> <div><pre>content-length: 30 content-type: application/json date: Thu,08 Jan 2026 20:46:14 GMT server: uvicorn www-authenticate: Bearer</pre></div>

Responses

Code	Description	Links
204	Successful Response	No links
422	Validation Error	No links

Media type

application/json

Example Value Schema

```
{  "detail": [    {      "loc": [        "string",        0      ],      "msg": "string",      "type": "string"    }  ]}
```

PATCH /api/tasks/{task_id}/toggle Toggle Task



Parameters

Cancel

Name	Description
------	-------------

task_id * required

integer

(path)

Execute

Clear

Responses

Curl

```
curl -X 'PATCH' \  
  'http://127.0.0.1:8000/api/tasks/5/toggle' \  
  -H 'accept: application/json'
```

Request URL

http://127.0.0.1:8000/api/tasks/5/toggle

Server response

Code	Details
------	---------

401

Undocumented

Error: Unauthorized

Response body

```
{  
  "detail": "Not authenticated"  
}
```

[Download](#)

Response headers

```
content-length: 30  
content-type: application/json  
date: Thu,08 Jan 2026 20:45:21 GMT  
server: uvicorn  
www-authenticate: Bearer
```

Responses

Code	Description	Links
------	-------------	-------

200

Successful Response

No links

Media type

Controls Accept header.

Code	Description	Links
	Example Value Schema	
	<pre>{ "id": 0, "user_id": 0, "title": "string", "is_completed": true, "created_at": "2026-01-08T20:47:04.925Z", "updated_at": "2026-01-08T20:47:04.925Z" }</pre>	
422	Validation Error	No links
	Media type	
	<div>application/json</div>	
	Example Value Schema	
	<pre>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }] }</pre>	

auth



POST /api/auth/register Register



Parameters

Cancel

Reset

No parameters

Request body **required**

application/json

Edit Value Schema

```
{
  "email": "tester@example.com",
  "password": "SecurePassword123"
}
```

**Execute****Clear**

Responses

Curl

```
curl -X 'POST' \
  'http://127.0.0.1:8000/api/auth/register' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{
    "email": "tester@example.com",
    "password": "SecurePassword123"
  }'
```

Request URL

http://127.0.0.1:8000/api/auth/register

Server response

Code

Details

400*Undocumented***Error: Bad Request**

Response body

```
{
  "detail": "Email already registered"
}
```

Download

Response headers

```
content-length: 37
content-type: application/json
date: Thu,08 Jan 2026 20:39:58 GMT
```

Code

Details

```
server: uvicorn
```

Responses

Code

Description

Links

200

Successful Response

No links

Media type

application/json

Controls Accept header.

Example Value Schema**"string"**

422

Validation Error

No links

Media type

application/json**Example Value** Schema

```
{
  "detail": [
    {
      "loc": [
        "string",
        0
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

POST

/api/auth/login Login

Swagger Authorize ☒ Uses OAuth2 password flow:

- username is the EMAIL
- password is the PASSWORD

Parameters

Cancel

Reset

No parameters

Request body **required**

application/x-www-form-urlencoded

grant_type

string | (string | null)

pattern: ^password\$

password

☐ Send empty valueusername *** required**

string

tester@example.com

password *** required**

string(\$password)

.....

scope

string

scope

☒ Send empty value

client_id

string | (string | null)

string

☐ Send empty value

client_secret

string | (string | null)(\$password)

.....

☐ Send empty value

Execute

Clear

Responses

Curl

```
curl -X 'POST' \
  'http://127.0.0.1:8000/api/auth/login' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/x-www-form-urlencoded' \
  -d 'grant_type=password&username=tester%40example.com&password=SecurePassword123&scope=&client_
```

Request URL

<http://127.0.0.1:8000/api/auth/login>

Server response

Responses		
Code	Description	Links

```
{
  "detail": [
    {
      "loc": [
        "string",
        0
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

GET

/api/auth/me Me



Parameters

Cancel

No parameters

Execute

Clear

Responses

Curl

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

Request URL

<http://127.0.0.1:8000/api/auth/me>

Server response

Code

Details

401

Undocumented

Error: Unauthorized

Response body

```
{  
  "detail": "Not authenticated"  
}
```

Download

Response headers

```
content-length: 30  
content-type: application/json  
date: Thu,08 Jan 2026 20:41:53 GMT  
server: uvicorn  
www-authenticate: Bearer
```

Responses

Code

Description

Links

200

Successful Response

No links

Media type

application/json

Controls Accept header.

Code	Description	Links
------	-------------	-------

Example Value	Schema
---------------	--------

"string"

POST /api/auth/logout Logout



Parameters

Cancel

No parameters

Execute

Clear

Responses

Curl

```
curl -X 'POST' \
  'http://127.0.0.1:8000/api/auth/logout' \
  -H 'accept: application/json' \
  -d ''
```

Request URL

http://127.0.0.1:8000/api/auth/logout

Server response

Code	Details
------	---------

200

Response body

```
{
  "ok": true
}
```

Download

Response headers

```
content-length: 11
content-type: application/json
date: Thu,08 Jan 2026 20:47:04 GMT
server: uvicorn
```

Responses

Code	Description	Links
200	<div>Successful Response</div> <div>Media type</div> <div><div>application/json</div></div> <div>Controls Accept header.</div> <div><div>Example Value</div><div>Schema</div></div> <div>"string"</div>	No links

Schemas ^

Body_login_api_auth_login_post > Expand all object

HTTPValidationError > Expand all object

LoginIn > Expand all object

RegisterIn > Expand all object

TaskCreate > Expand all object

TaskRead > Expand all object

ValidationError > Expand all object