

# 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  
}
```

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## 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<br><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 20:44:10 GMT server: uvicorn www-authenticate: Bearer</pre></div> |

Responses

| Code | Description  | Links    |
|------|--|----------|
| 200  | <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": "2026-01-08T21:01:04.059Z",     "updated_at": "2026-01-08T21:01:04.059Z"   } ]</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"
    }
  ]
}
```

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

Responses

| Code | Description  | Links    |
|------|--|----------|
| 201  | <div>Successful Response</div> <div>Media type<div>application/json</div><div>Controls Accept header.</div></div> <div>Example Value Schema<div>{<br/>  "id": 0,<br/>  "user_id": 0,<br/>  "title": "string",<br/>  "is_completed": true,<br/>  "created_at": "2026-01-08T21:01:04.065Z",<br/>  "updated_at": "2026-01-08T21:01:04.065Z"<br/>}</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

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

PUT

/api/tasks/{task\_id} Update Task



## Parameters

Cancel

Reset

## Name

## Description

**task\_id** \* requiredinteger  
(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<br><i>Undocumented</i> | <div>Error: Unauthorized</div> <div>Response body<div>{<br/>  "detail": "Not authenticated"<br/>}</div><div>Download</div></div> <div>Response headers<div>content-length: 30<br/>content-type: application/json<br/>date: Thu,08 Jan 2026 20:44:54 GMT<br/>server: uvicorn<br/>www-authenticate: Bearer</div></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>{<br/>  "id": 0,<br/>  "user_id": 0,<br/>  "title": "string",<br/>  "is_completed": true,</div></div> | No links |

| Code | Description  | Links    |
|------|--|----------|
|      | <pre>"created_at": "2026-01-08T21:01:04.068Z", "updated_at": "2026-01-08T21:01:04.068Z" }</pre>  |          |
| 422  | Validation Error   | No links |
|      | Media type<br><div>application/json</div>  |          |
|      | Example Value   Schema   |          |
|      | <pre>{   "detail": [     {       "loc": [         "string",         0       ],       "msg": "string",       "type": "string"     }   ] }</pre> |          |

DELETE   /api/tasks/{task\_id}   Delete Task

Cancel

| Name  | Description  |
|---|--------------|
| <div><div>task_id * required</div><div>integer</div><div>(path)</div></div> | <div>5</div> |

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

Undocumented

Error: Unauthorized

Response body

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

Download

Response headers

```
content-length: 30
content-type: application/json
date: Thu,08 Jan 2026 20:46:14 GMT
server: uvicorn
www-authenticate: Bearer
```

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"  
}
```

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#### 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 |
|------|-------------|-------|
|------|-------------|-------|

|  |                             |  |
|--|-----------------------------|--|
|  | <b>Example Value</b> Schema |  |
|--|-----------------------------|--|

```
{
  "id": 0,
  "user_id": 0,
  "title": "string",
  "is_completed": true,
  "created_at": "2026-01-08T21:01:04.072Z",
  "updated_at": "2026-01-08T21:01:04.072Z"
}
```

422

Validation Error

No links

Media type

**Example Value** Schema

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

## auth

POST /api/auth/register Register

Parameters

No parameters

**Request body** required**Edit Value** Schema

```
{
  "email": "new_tester@example.com",
  "password": "star876"
}
```

**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": "new_tester@example.com",
    "password": "star876"
  }'
```

### Request URL

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

### Server response

#### Code

#### Details

200

#### Response body

```
{
  "ok": true,
  "id": 8,
  "email": "new_tester@example.com"
}
```

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#### Response headers

```
content-length: 51
content-type: application/json
date: Thu, 08 Jan 2026 20:57:01 GMT
server: uvicorn
```

Responses

| Code | Description  | Links    |
|------|--|----------|
| 200  | Successful Response  | No links |
|      | <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div>"string"</div>   |          |
| 422  | Validation Error   | No links |
|      | <div>Media type</div> <div>application/json</div> <div>Example Value Schema</div> <div>{<br/>  "detail": [<br/>    {<br/>      "loc": [<br/>        "string",<br/>        0<br/>      ],<br/>      "msg": "string",<br/>      "type": "string"<br/>    }<br/>  ]<br/>}</div> |          |

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\$

☐ Send empty value**username** \* required

string

**password** \* required

string(\$password)

**scope**

string

☒ Send empty value**client\_id**

string | (string |  
null)

☐ 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=new_tester%40example.com&password=star876&scope=&client_id=str'
```

### Request URL

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

### Server response

| Code | Details  |
|------|--|
| 200  | <div><div>Response body</div><div><pre>{  "access_token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiI4IiwiaWF0IjoxNzY3OTA1ODY3LCJleHAiOjE3Njc5OTIyNjd9.svA9MWUAxu2JNDQVuFXDZ0jrnT_FTklTarpz36Tm060"</pre></div><div>Download</div></div> <div><div>Response headers</div><div><pre>content-length: 182 content-type: application/json date: Thu,08 Jan 2026 20:57:46 GMT server: uvicorn</pre></div></div> |

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>"string"</div></div>  | No links |
| 422  | <div>Validation Error</div> <div>Media type<div>application/json</div></div> <div>Example Value Schema<div><pre>{  "detail": [    {      "loc": [        "string",        0      ],      "msg": "string",      "type": "string"    }  ]}</pre></div></div> | No links |



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' \
  -H 'Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiI4IiwiaWF0IjoxNzY3OTA1
```

## Request URL

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

## Server response

## Code

## Details

200

## Response body

```
{
  "id": 8,
  "email": "new_tester@example.com"
}
```

Download

## Response headers

```
content-length: 41
content-type: application/json
date: Thu,08 Jan 2026 21:01:02 GMT
server: uvicorn
```

## Responses

## Code

## Description

## Links

200

Successful Response

No links

Media type

application/json

Controls Accept header.

Example Value Schema



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

"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