

ToDo API

Auth

POST /api/auth/registration

```
http://localhost:3000/api/auth/registration
```

Create new user.

- **username**
 - type: string
 - required: true
- **password**
 - type: string
 - required: true

Return JSON object that contains user_id and username.

Body raw (json)

json

```
{
  "username": "examplename",
  "password": "secretpassword"
}
```

POST /api/auth/login

```
http://localhost:3000/api/auth/login
```

Login to get newly generated token.

- **username**
 - type: string
 - required: true
- **password**
 - type: string
 - required: true

Returns JSON object that contains message and newly generated token.

Body raw (json)

json

```
{
  "username": "exampleName",
  "password": "secretPassword"
}
```

User

GET /api/user/

```
http://localhost:3000/api/user/?token
```

Get list of all users.

- token
 - type: string
 - required: true

Returns array of JSON objects that contain user_id and username.

PARAMS

token

Token required for authentication. You can obtain it by logging in.

GET /api/user/:user_id

```
http://localhost:3000/api/user/:user_id?token
```

Get user information.

- token
 - type: string
 - required: true

Returns JSON object that contains user_id and username.

PARAMS

token

Token required for authentication. You can obtain it by logging in.

PATH VARIABLES

user_id

ID of the user.

List

GET /api/list/

```
http://localhost:3000/api/list/?token
```

Get array of all lists.

- token
 - type: string
 - required: true

Returns array of JSON objects that contain list_id and name.

PARAMS

token

Token required for authentication. You can obtain it by logging in.

POST /api/list/new

```
http://localhost:3000/api/list/new
```

Create new list.

- name
 - type: string
 - required: true
- token
 - type: string
 - required: true

Returns JSON object that contains new list.

Body raw (json)

```
json
```

```
{
  "name": "exampleListName",
  "token": "$TOKEN"
}
```

GET /api/list/:user_id

```
http://localhost:3000/api/list/:user_id?token
```

Get specific user lists.

- token
 - type: string
 - required: true

Returns array of JSON objects that contain list_id, name, owner_id.

PARAMS

token	Token required for authentication. You can obtain it by logging in.
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PATH VARIABLES

user_id	ID of the user.
----------------	-----------------

GET /api/list/:user_id/:list_id

```
http://localhost:3000/api/list/:user_id/:list_id?token
```

Get all items from the list.

- token
 - type: string
 - required: true

Returns array of JSON objects that contain item information.

PARAMS

token	Token required for authentication. You can obtain it by logging in.
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PATH VARIABLES

user_id ID of the user.

list_id ID of the list.

DELETE /api/list/:user_id/:list_id

```
http://localhost:3000/api/list/:user_id/:list_id
```

Delete specific list.

- token
 - type: string
 - required: true

Returns message about operation completion.

PATH VARIABLES

user_id ID of the user.

list_id ID of the list.

Body raw (json)

json

```
{
  "token": "$TOKEN"
}
```

POST /api/list/:user_id/:list_id

```
http://localhost:3000/api/list/:user_id/:list_id
```

Add new item to the list.

- title
 - type: string
 - required: true
- text
 - type: string
 - required: true
- deadline
 - type: string (must be correct date and time format)
 - required: true
- status

- type: string
- required: false
- token
 - type: string
 - required: true

Returns JSON object that contains new item.

PATH VARIABLES

user_id ID of the user.

list_id ID of the list.

Body raw (json)

json

```
{
  "title": "Example name for the list",
  "text": "List text",
  "deadline": "2022-02-25 18:00:00",
  "status": "in progress",
  "token": "$TOKEN"
}
```

GET /api/list/:user_id/:list_id/:item_id

http://localhost:3000/api/list/:user_id/:list_id/:item_id?token

Get information about the item.

- token
 - type: string
 - required: true

Returns JSON object that contains item_id, list_id, title, text, deadline and status.

PARAMS

token Token required for authentication. You can obtain it by logging in.

PATH VARIABLES

user_id ID of the user.

list_id ID of the list.

item_id ID of the item.

DELETE /api/list/:user_id/:list_id/:item_id

```
http://localhost:3000/api/list/:user_id/:list_id/:item_id
```

Delete item from the list.

- token
 - type: string
 - required: true

Returns JSON object that contains message about operation completion.

PARAMS

token

PATH VARIABLES

user_id ID of the user.

list_id ID of the list.

item_id ID of the item.

Body raw (json)

json

```
{  
  "token": "$TOKEN"  
}
```

PATCH /api/list/:user_id/:list_id/:item_id

```
http://localhost:3000/api/list/:user_id/:list_id/:item_id
```

Update text of the item.

- text
 - type: string
 - required: true
- token

- token:
 - type: string
 - required: true

Returns JSON object containing message about operation completion.

PATH VARIABLES

user_id ID of the user.

list_id ID of the list.

item_id ID of the item.

Body raw (json)

json

```
{
  "text": "new text",
  "token": "$TOKEN"
}
```

PATCH /api/list/:user_id/:list_id/:item_id/status

http://localhost:3000/api/list/:user_id/:list_id/:item_id

Updates item status.

- status
 - type: string
 - required: true
- token
 - type: string
 - required: true

Returns JSON object that contains message about operation completion.

PATH VARIABLES

user_id ID of the user.

list_id ID of the list.

item_id ID of the item.

Body raw (json)

json

```
{  
  "status": "finished",  
  "token": "$TOKEN"  
}
```