Authentication

```
POST /api/user
```

```
Attempt to create a new user. If the user already exists or the email/password are invalid, the request will be
rejected.
```

```
Request Body
```

```
application/json
Status Codes
```

201: user created successfully

- **400**: invalid email/password, or user already exists
- **500**: internal server error

POST /api/session

Attempt to log in as a user. If the user does not exist or the password is incorrect, the request will be rejected.

Request Body

application/json

```
Status Codes
```

201: login successful 401: invalid email/password

500: internal server error

GET /api/session

- Returns 200 if the user is logged in.

200: session information retrieved successfully

Status Codes

401: user is not logged in **500**: internal server error

Status Codes

- **DELETE** /api/session
- Attempt to log out the current user.

204: logout successful **401**: user is not logged in

500: internal server error

Request Body

POST /api/image

application/multipart-form-data

"image": <image file>

Use OpenAI to generate a list of ingredients from an image. Returns a JSON array of strings.

OpenAI

200: ingredients generated successfully

Status Codes

```
429: rate limit exceeded
500: internal server error
```

- array of strings.

401: user is not logged in

500: internal server error

User OpenAI to generate a list of recipe ideas based on the user's ingredients in the database. Returns a JSON

- The list endpoints allows a client to manage their ingredient and preference lists. The lists are named after the plural of the items they contain. For example, a list of ingredients is named "ingredients", while a single entry in the list is called an "ingredient".

The server currently supports the following lists, presented here in plural. • ingredients

POST /api/ingredient/{ingredient}

The endpoints that interact with a single item at a time are named using the singular of the list. For

GET /api/your-items

example, to add a single ingredient to the "ingredients" list, the endpoint is

Example: GET /api/ingredients Form Parameters

Add an array of new items to the database. The request body should be a JSON array of strings.

Status Codes 200: list retrieved successfully

Retrieve a list of all strings in the corresponding database list.

PUT /api/your-items

Form Parameters

your-items: the plural name of the list to add items to

]

```
400: invalid data in request body
401: user is not logged in
500: internal server error
```

application/json

Status Codes

Form Parameters

400: invalid data in request body **401**: user is not logged in

Add a single item to the list. Example: POST /api/ingredient/broccoli

Form Parameters

- your-item: the singular name of the list to add items to item: the item to add
- PUT /api/your-item/item-name/new-name

400: invalid item name

401: user is not logged in

500: internal server error

your-item: the singular name of the list to update items in item-name: the item to update **new-name**: the new name of the ingredient

Status Codes

400: invalid item name or new name **401**: user is not logged in **404**: item not found

- **500**: internal server error
- DELETE /api/your-item/ingredient

your-item: the singular name of the list to delete items from

Delete an ingredient from the database.

Status Codes

Form Parameters

- **401**: user is not logged in 404: ingredient not found

- **400**: invalid image file **401**: user is not logged in
 - **GET** /api/recipes
 - Status Codes 200: recipes generated successfully

400: no ingredients in database

429: rate limit exceeded

- Lists
- ingredient-exclusions • recipe-exclusions
- your-items: the plural name of the list to retrieve
- **401**: user is not logged in **500**: internal server error
- Example: PUT /api/ingredients

Request Body application/json

- **Status Codes**

DELETE /api/your-items

Delete a list of items from the corresponding database list.

204: items added successfully

your-items: the plural name of the list to delete items from Request Body

Example: DELETE /api/ingredients

204: items deleted successfully

500: internal server error

- POST /api/your-item/item
- Status Codes **204**: item added successfully
 - Update the name of an item in the list. Form Parameters

204: item updated successfully

- - ingredient: the item to delete
- **500**: internal server error
- **204**: ingredient deleted successfully **400**: invalid ingredient name