

Project README

Eatr is a web browser recipe suggestion application. The application is hosted at #####. To begin using, sign-up from the homepage, add ingredients through your pantry and then click on the find recipes tab to begin swiping through suggested recipes. A maximum of 10 liked recipes are allowed on an account at any given time, but you can remove recipes by marking them as cooked under your liked recipes tab. Users are provided with the nutritional data for each recipe. Users have the freedom to add their own original recipes to share with other people.

API Documentation

Endpoint: Create User

HTTP Method: POST

Path: /api/v1/users

Request Parameters: None

Request Body:

```
{  
  "name": string  
}
```

Response Body:

```
{  
  "userId": number,  
  "name": string  
}
```

Errors:

- 400 Bad Request: The request body is invalid
- 500 Internal Server Error: An error occurred while creating the user

Endpoint: Get User

HTTP Method: GET

Path: /api/v1/users/:userId

Request Parameters: userId

Request Body:

```
{  
}
```

Response Body:

```
{  
  "userId": number,  
  "name": string  
}
```

Errors:

- 400 Bad Request: The request body is invalid
- 500 Internal Server Error: An error occurred while creating the user

Endpoint: Delete User

HTTP Method: DELETE

Path: /api/v1/users/:userId

Request Parameters: userId

Request Body:

```
{
```

```
}
```

Response Body:

```
{
```

```
}
```

Errors:

- 400 Bad Request: The request body is invalid
- 500 Internal Server Error: An error occurred while creating the user

Endpoint: Add User-Recipe

HTTP Method: POST

Path: /api/v1/recipes/:userId

Request Parameters: userId

Request Body:

```
{
```

```
  "recipeId": number
```

```
}
```

Response Body:

```
{
```

```
  "userRecipeMembershipId": number,
```

```
  "userId": number,
```

```
  "recipeId": number
```

```
}
```

Errors:

- 400 Bad Request: The request body is invalid
- 500 Internal Server Error: An error occurred while creating the user

Endpoint: Get User-Recipes

HTTP Method: GET

Path: /api/v1/recipes/:userId

Request Parameters: userId

Request Body:

```
{  
}
```

Response Body:

```
{  
  [  "userRecipe": {  
        "userRecipeMembershipId": number,  
        "userId": number,  
        "recipeId": number  
      },  
    "recipe": {  
      "recipeId": number,  
      "name": string,  
      "steps": [ ]  
    }  
  ]  
}
```

Errors:

- 400 Bad Request: The request body is invalid
- 500 Internal Server Error: An error occurred while creating the user

Endpoint: Delete User-Recipes

HTTP Method: DELETE

Path: /api/v1/recipes/:userId/:recipeId

Request Parameters: userId,recipeId

Request Body:

```
{  
}
```

Response Body:

```
{  
}
```

Errors:

- 400 Bad Request: The request body is invalid
- 500 Internal Server Error: An error occurred while creating the user

Endpoint: Add User-Pantry

HTTP Method: POST

Path: /api/v1/ingredients/:userId

Request Parameters: userId

Request Body:

```
{
  "ingredientId": number
  "ingredientAmount": string
}
```

Response Body:

```
{
  "upMembershipId": number,
  "userId": number,
  "ingredientId": number
  "ingredientAmount": string
}
```

}

Errors:

- 400 Bad Request: The request body is invalid
- 500 Internal Server Error: An error occurred while creating the user

Endpoint: Get User-Pantry

HTTP Method: GET

Path: /api/v1/ingredients/:userId

Request Parameters: userId

Request Body:

```
{
}
```

Response Body:

```
{
  [
    "userPantry": {
      "upMembershipId": number,
      "userId": number,
      "ingredientId": number
    },
    "Ingredient": {
      "ingredientId": number,
      "name": string,
      "servingSize": string,
      "calories" : number,
      "proteins" : number,
      "carbohydrates" : number,
      "fats": number
    }
  ]
}
```

```
]
}
```

Errors:

- 400 Bad Request: The request body is invalid
- 500 Internal Server Error: An error occurred while creating the user

Endpoint: Update User-Pantry

HTTP Method: PUT

Path: /api/v1/ingredients/:userId

Request Parameters: userId

Request Body:

```
{
  "ingredientId" : number,
  "ingredientAmount" : string
}
```

Response Body:

```
{
  "upMembershipId": number,
  "userId": number,
  "ingredientId": number
}
```

Errors:

- 400 Bad Request: The request body is invalid
- 500 Internal Server Error: An error occurred while creating the user

Endpoint: Delete User-Pantry

HTTP Method: DELETE

Path: /api/v1/ingredients/:userId/:ingredientId

Request Parameters: userId, ingredientId

Request Body:

```
{
  "ingredientId" : number,
  "ingredientAmount" : string
}
```

Response Body:

```
{
}
```

Errors:

- 400 Bad Request: The request body is invalid
- 500 Internal Server Error: An error occurred while creating the user

Endpoint: Create Ingredient

HTTP Method: POST

Path: /api/v1/ingredients/

Request Parameters:

Request Body:

```
{  
    "name": string,  
    "servingSize": string,  
    "calories" : number,  
    "proteins" : number,  
    "carbohydrates" : number,  
    "fats": number  
}
```

Response Body:

```
{  
    "ingredientId": number,  
    "name": string,  
    "servingSize": string,  
    "calories" : number,  
    "proteins" : number,  
    "carbohydrates" : number,  
    "fats": number  
}
```

Errors:

- 400 Bad Request: The request body is invalid
- 500 Internal Server Error: An error occurred while creating the user

Endpoint: Get Ingredient

HTTP Method: GET

Path: /api/v1/ingredients/:ingredientId

Request Parameters: ingredientId

Request Body:

```
{  
}
```

Response Body:

```
{  
  "ingredientId": number,  
  "name": string,  
  "servingSize": string,  
  "calories" : number,  
  "proteins" : number,  
  "carbohydrates" : number,  
  "fats": number  
}
```

Errors:

- 400 Bad Request: The request body is invalid
- 500 Internal Server Error: An error occurred while creating the user

Endpoint: Update Ingredient

HTTP Method: PUT

Path: /api/v1/ingredients/:ingredientId

Request Parameters: ingredientId

Request Body:

```
{  
  "name": string,  
  "servingSize": string,  
  "calories" : number,  
  "proteins" : number,  
  "carbohydrates" : number,  
  "fats": number  
}
```

```
}
```

Response Body:

```
{  
}
```

Errors:

- 400 Bad Request: The request body is invalid
- 500 Internal Server Error: An error occurred while creating the user

Endpoint: Delete Ingredient

HTTP Method: DELETE

Path: /api/v1/ingredients/:ingredientId

Request Parameters: ingredientId

Request Body:

```
{  
}
```

Response Body:

```
{  
}
```

Errors:

- 400 Bad Request: The request body is invalid
- 500 Internal Server Error: An error occurred while creating the user

Endpoint: Create Recipe

HTTP Method: POST

Path: /api/v1/recipes

Request Parameters:

Request Body:

```
{
  "recipe":{
    "name": string,
    "steps": [ ]
  },
  "recipeIngredients":[
    {
      "recipeIngredientMembershipId": number,
      "recipeId": number,
      "ingredientId": number,
      "ingredientAmount": string
    }
  ]
}
```

Response Body:

```
{
  "recipe":{
    "recipeId": number,
    "name": string,
    "steps": [ ]
  },
  "recipeIngredients":[
    {
      "recipeIngredientMembershipId": number,
      "recipeId": number,
      "ingredientId": number,
      "ingredientAmount": string
    }
  ]
}
```

Errors:

- 400 Bad Request: The request body is invalid
- 500 Internal Server Error: An error occurred while creating the user

Endpoint: Update Recipe

HTTP Method: PUT

Path: /api/v1/recipes/:recipeId

Request Parameters: recipeId

Request Body:

```
{
  "recipe": {
    "name": string,
    "steps": [ ]
  },
  "recipeIngredients": [
    {
      "recipeIngredientMembershipId": number,
      "recipeId": number,
      "ingredientId": number,
      "ingredientAmount": string
    }
  ]
}
```

Response Body:

```
{
}
```

Errors:

- 400 Bad Request: The request body is invalid
- 500 Internal Server Error: An error occurred while creating the user

Endpoint: Get Recipe

HTTP Method: GET

Path: /api/v1/recipes/:recipeId

Request Parameters: recipeId

Request Body:

```
{  
}
```

Response Body:

```
{  
  "recipe":{  
    "recipeId": number,  
    "name": string,  
    "steps": [ ]  
  },  
  "recipeIngredients":[  
    {  
      "recipeIngredientMembershipId": number,  
      "recipeId": number,  
      "ingredientId": number,  
      "ingredientAmount": string  
    }  
  ]  
}
```

Errors:

- 400 Bad Request: The request body is invalid
- 500 Internal Server Error: An error occurred while creating the user

Endpoint: Delete Recipe

HTTP Method: DELETE

Path: /api/v1/recipes/:recipeId

Request Parameters: recipeId

Request Body:

```
{  
}
```

Response Body:

```
{  
}
```

Errors:

- 400 Bad Request: The request body is invalid
- 500 Internal Server Error: An error occurred while creating the user