# API Endpoints

# Search recipes (in Edamam)

**GET /search/edamam**

Returns all recipes matching the parameters provided

##### **Parameters**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| **cuisineType** | string | Filter recipes by cuisine type. |
| **Health** | string | Filter recipes by dietary requirements. |
| **mealType** | string | Filter recipes by meal type. |
| **ingredient** | string | Ingredient of the recipe |

##### **Example**

GET https://api.recipesearch.com/search/edamam?cuisineType=italian&Health=pork-free&mealType=dinner&ingredient=cheese&ingredient=tomato

##### **Response**

{

"results": [

{

"recipe\_ID": "1",

"recipe\_name": "Margherita Pizza",

"image": "https://example.com/images/margherita.jpg",

"cuisine": "Italian",

"diet": "Vegetarian",

"portions": 1,

"mealType": "Dinner",

"preparation\_time": 30,

"ingredients": [

"pizza dough",

"tomato sauce",

"mozzarella cheese",

"fresh basil"

],

"cooking\_directions": "1. Preheat the oven to 425°F. 2. Roll out the pizza dough ...",

},

{

"recipe\_ID": "5",

"recipe\_name": "Mozzarella Pizza",

...

}

],

}

# Search recipes (in Database)

**GET /recipes**

Returns all recipes matching the parameters provided

##### **Parameters**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| **cuisineType** | string | Filter recipes by cuisine type. |
| **Health** | string | Filter recipes by dietary requirements. |
| **mealType** | string | Filter recipes by meal type. |
| **ingredient** | string | Ingredient of the recipe |

##### **Example**

GET https://api.recipesearch.com/recipes?cuisineType=italian&Health=pork-free&mealType=dinner&ingredient=cheese&ingredient=tomato

##### **Response**

{

"results": [

{

"recipe\_ID": "1",

"recipe\_name": "Margherita Pizza",

"image": "https://example.com/images/margherita.jpg",

"cuisine": "Italian",

"diet": "Vegetarian",

"portions": 1,

"mealType": "Dinner",

"preparation\_time": 30,

"ingredients": [

"pizza dough",

"tomato sauce",

"mozzarella cheese",

"fresh basil"

],

"cooking\_directions": "1. Preheat the oven to 425°F. 2. Roll out the pizza dough ...",

},

{

"recipe\_ID": "5",

"recipe\_name": "Mozzarella Pizza",

...

}

],

}

# Delete recipe

**DELETE /recipes/{recipe\_ID}**

Deletes a recipe matching an ID

##### **Parameters**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| **recipe\_ID** | integer | ID of a recipe |

##### **Example**

DELETE <https://api.recipesearch.com/recipes/1>

##### **Response**

{"status": "success"}, 200

# Insert recipe

**POST /recipes**

Adds a new recipe

##### **Parameters**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| **cuisine** | string | Cuisine type. |
| **health** | string | Dietary requirements. |
| **mealType** | string | Meal type. |
| **recipe\_name** | string | Name of recipe. |
| **image** | string | URL of image |
| **portions** | integer | Number of portions |
| **preparation\_time** | integer | Preparation time in minutes |
| **ingredients** | list of strings | List of ingredients |
| **cooking\_directions** | string | Cooking directions |

##### **Example**

POST https://api.recipesearch.com/recipes

Content-Type: application/json

{

"recipe\_name": "Margherita Pizza",

"image": "https://example.com/images/margherita.jpg",

"cuisine": "Italian",

"health": "Vegetarian",

"portions": 1,

"mealType": "Lunch",

"preparation\_time": 30,

"ingredients": [

"pizza dough",

"tomato sauce",

"mozzarella cheese",

"fresh basil"

],

"cooking\_directions": "1. Preheat the oven to 425°F. 2. Roll out the pizza dough ...",

},

##### **Response**

{"status": "success"}, 200

# Update recipe

**PUT /recipes/{recipe\_ID}**

Updates an uploaded recipe

##### **Parameters**

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| **cuisine** | string | Cuisine type. |
| **health** | string | Dietary requirements. |
| **mealType** | string | Meal type. |
| **recipe\_name** | string | Name of recipe. |
| **image** | string | URL of image |
| **portions** | integer | Number of portions |
| **preparation\_time** | integer | Preparation time in minutes |
| **ingredients** | list of strings | List of ingredients |
| **cooking\_directions** | string | Cooking directions |

##### **Example**

PUT <https://api.recipesearch.com/recipes/1>

Content-Type: application/json

{

"recipe\_name": "Margherita Pizza",

"image": "https://example.com/images/margherita.jpg",

"cuisine": "Italian",

"health": "Vegetarian",

"portions": 1,

"mealType": "Lunch",

"preparation\_time": 30,

"ingredients": [

"pizza dough",

"tomato sauce",

"mozzarella cheese",

"fresh basil"

],

"cooking\_directions": "1. Preheat the oven to 425°F. 2. Roll out the pizza dough ...",

},

##### **Response**

{"status": "success"}, 200