

Documentation & Model Design

Account

▼ GET `/api/account/`

Description

View current user's profile.

Responses and Example Values

Status code: 200

```
{
  "id": 0,
  "first_name": "string",
  "last_name": "string",
  "username": "Mt9PkE4KhREwFZxHUWyw7n+8z5uFXl9IK+wVTedCurZ+ufV63-",
  "email": "user@example.com",
  "phone_number": "string",
  "profile_picture": "string"
}
```

Status code: 401

```
{
  "detail": "Authentication credentials were not provided."
}
```

▼ PATCH `/api/account/`

Description

Edit current user's profile information.

Request Body

```
{
  "first_name": "string",
  "last_name": "string",
  "username": "v1SJ05qk72hzdx+T",
  "email": "user@example.com",
  "password": "string",
}
```

```
"phone_number": "string",
"profile_picture": "string"
}
```

Responses and Example Values

Status code: 200

```
{
  "id": 0,
  "first_name": "string",
  "last_name": "string",
  "username": "S-D5q6fFsrCcCyto.vVHq8_0KBgrUN93+svWGxj60s",
  "email": "user@example.com",
  "phone_number": "string",
  "profile_picture": "string"
}
```

Status code: 400

```
{
  "username": [
    "A user with that username already exists."
  ]
}
```

▼ POST `/api/account/login/`

Description

Allows user to retrieve authentication token upon successful login

Request Body

```
{
  "username": "string",
  "password": "string"
}
```

Responses and Example Values

Status code: 200

```
{
  "token": "e9b7db3e8c8b8bee461c5318978185bc8c07346c"
}
```

Status code: 400

```
{
  "username": [
    "This field is required."
  ],
  "password": [
    "This field is required."
  ]
}
```

▼ POST `/api/account/register/`

Description

Create a user account

Request Body

```
{
  "first_name": "string",
  "last_name": "string",
  "username": "wG1lCEkdrKJSd7A8hkQ+7N",
  "email": "user@example.com",
  "password": "string",
  "phone_number": "string",
  "profile_picture": "string"
}
```

Responses and Example Values

Status code: 201

```
{
  "id": 10,
  "first_name": "",
  "last_name": "",
  "username": "new_user",
  "email": "new_user@example.com",
  "phone_number": "+1 647 555 6789",
  "profile_picture": null
}
```

Status code: 400

```
{
  "username": [
    "A user with that username already exists."
  ],
  "phone_number": [
    "Invalid phone number"
  ]
}
```

▼ DELETE `/api/account/logout/`

Description

Allows the user to logout

Responses and Example Values

Status code: 204 (No response body)

Status code: 401

```
{
  "detail": "Invalid token."
}
```

▼ GET `/api/account/interactions/`

Description

Allows the user to interact with recipes

Parameters

Query Parameters

page (integer): A page number within the paginated result set.

Responses and Example Values

Status code: 200

```
{
  "count": 123,
  "next": "http://localhost:8000/api/recipes/?page=14",
  "previous": "http://localhost:8000/api/recipes/?page=12",
  "results": [
```

```

{
  "name": "string",
  "description": "string",
  "prep_time": 0,
  "cook_time": 0,
  "serving_size": 0,
  "active_serving_size": "string",
  "avg_rating": "string",
  "num_favourites": "string",
  "diets": [
    {
      "name": "string"
    }
  ],
  "cuisines": [
    {
      "name": "string"
    }
  ],
  "ingredients_list": "string",
  "steps": [
    {
      "description": "string",
      "images": [
        0
      ],
      "videos": [
        0
      ],
      "prep_time": 0,
      "cook_time": 0
    }
  ],
  "images": [
    0
  ],
  "base_recipe": 0,
  "creator": "string"
}
]
}

```

Status code 401:

```

{
  "detail": "Authentication credentials were not provided."
}

```

▼ GET `/api/account/favourites/`

Description

Allows the user to favourite a recipe

Parameters

Query Parameters

page (integer): A page number within the paginated result set.

Responses and Example Values

Status code: 200

```
{
  "count": 123,
  "next": "http://localhost:8000/api/recipes/?page=14",
  "previous": "http://localhost:8000/api/recipes/?page=12",
  "results": [
    {
      "name": "string",
      "description": "string",
      "prep_time": 0,
      "cook_time": 0,
      "serving_size": 0,
      "active_serving_size": "string",
      "avg_rating": "string",
      "num_favourites": "string",
      "diets": [
        {
          "name": "string"
        }
      ],
      "cuisines": [
        {
          "name": "string"
        }
      ],
      "ingredients_list": "string",
      "steps": [
        {
          "description": "string",
          "images": [
            0
          ],
          "videos": [
            0
          ],
          "prep_time": 0,
          "cook_time": 0
        }
      ],
      "images": [
        0
      ],
      "base_recipe": 0,
      "creator": "string"
    }
  ]
}
```

Status code 401:

```
{
  "detail": "Authentication credentials were not provided."
}
```

▼ GET `/api/account/recipes/`

Description

Allows the user to create a recipe

Parameters

Query Parameters

page (integer): A page number within the paginated result set.

Responses and Example Values

Status code: 200

```
{
  "count": 123,
  "next": "http://localhost:8000/api/recipes/?page=14",
  "previous": "http://localhost:8000/api/recipes/?page=12",
  "results": [
    {
      "name": "string",
      "description": "string",
      "prep_time": 0,
      "cook_time": 0,
      "serving_size": 0,
      "active_serving_size": "string",
      "avg_rating": "string",
      "num_favourites": "string",
      "diets": [
        {
          "name": "string"
        }
      ],
      "cuisines": [
        {
          "name": "string"
        }
      ],
      "ingredients_list": "string",
      "steps": [
        {
          "description": "string",
          "images": [
            0
          ]
        }
      ]
    }
  ]
}
```

```

        "videos": [
            0
        ],
        "prep_time": 0,
        "cook_time": 0
    }
],
"images": [
    0
],
"base_recipe": 0,
"creator": "string"
}
]
}

```

Status code 401:

```

{
  "detail": "Authentication credentials were not provided."
}

```

Search

▼ GET `/api/search/`

Description

Allows the user to search a recipe

Parameters

Query Parameters

page (integer): A page number within the paginated result set.

search (string): Search string to search by recipe name, creator username and ingredients

diets (list of strings): Filter recipes by diets

cuisines (list of strings): Filter recipes by cuisines

max_cook_time (integer): Filter recipes by maximum cooking time

min_cook_time (integer): Filter recipes by minimum cooking time

Responses and Example Values

Status code: 200


```

{
  "count": 123,
  "next": "http://localhost:8000/api/recipes/?page=14",
  "previous": "http://localhost:8000/api/recipes/?page=12",
  "results": [
    {
      "name": "string",
      "description": "string",
      "prep_time": 0,
      "cook_time": 0,
      "serving_size": 0,
      "active_serving_size": "string",
      "avg_rating": "string",
      "num_favourites": "string",
      "diets": [
        {
          "name": "string"
        }
      ],
      "cuisines": [
        {
          "name": "string"
        }
      ],
      "ingredients_list": "string",
      "steps": [
        {
          "description": "string",
          "images": [
            0
          ],
          "videos": [
            0
          ],
          "prep_time": 0,
          "cook_time": 0
        }
      ],
      "images": [
        0
      ],
      "base_recipe": 0,
      "creator": "string"
    }
  ]
}

```

Recipes

▼ POST `/api/recipes/`

Description

Allow an authenticated user to create a recipe

Request Body

```
{
  "name": "string",
  "description": "string",
  "prep_time": 0,
  "cook_time": 0,
  "serving_size": 0,
  "diets": [
    {
      "name": "string"
    }
  ],
  "cuisines": [
    {
      "name": "string"
    }
  ],
  "steps": [
    {
      "description": "string",
      "images": [
        0
      ],
      "videos": [
        0
      ],
      "prep_time": 0,
      "cook_time": 0
    }
  ],
  "images": [
    0
  ],
  "base_recipe": 0,
  "ingredients": [
    {
      "name": "string",
      "quantity": 0
    }
  ]
}
```

Note that everything except `images` and `base_recipe` is required.

Responses and Example Values

Status code: 201

```
{
  "name": "string",
  "description": "string",
  "prep_time": 0,
  "cook_time": 0,
  "serving_size": 0,
```

```

"active_serving_size": "string",
"avg_rating": "string",
"num_favourites": "string",
"diets": [
  {
    "name": "string"
  }
],
"cuisines": [
  {
    "name": "string"
  }
],
"ingredients_list": "string",
"steps": [
  {
    "description": "string",
    "images": [
      0
    ],
    "videos": [
      0
    ],
    "prep_time": 0,
    "cook_time": 0
  }
],
"images": [
  0
],
"base_recipe": 0,
"creator": "string"
}

```

Status code: 400

```

{
  "prep_time": [
    "This field is required."
  ],
  "cook_time": [
    "This field is required."
  ],
  "diets": [
    "This field is required."
  ],
  "cuisines": [
    "This field is required."
  ],
  "images": [
    "Invalid pk \"1\" - object does not exist."
  ],
  "ingredients": [
    "This field is required."
  ]
}

```

```
]
}
```

Status code: 401

```
{
  "detail": "Invalid token."
}
```

▼ GET `/api/recipes/`

Description

Allows the user to view all the recipes.

Parameters

Query Parameters

page (integer): A page number within the paginated result set.

Responses and Example Values

Status code: 200

```
{
  "count": 123,
  "next": "http://localhost:8000/api/recipes/?page=14",
  "previous": "http://localhost:8000/api/recipes/?page=12",
  "results": [
    {
      "name": "string",
      "description": "string",
      "prep_time": 0,
      "cook_time": 0,
      "serving_size": 0,
      "active_serving_size": "string",
      "avg_rating": "string",
      "num_favourites": "string",
      "diets": [
        {
          "name": "string"
        }
      ],
      "cuisines": [
        {
          "name": "string"
        }
      ],
      "ingredients_list": "string",
    }
  ]
}
```

```

    "steps": [
      {
        "description": "string",
        "images": [
          0
        ],
        "videos": [
          0
        ],
        "prep_time": 0,
        "cook_time": 0
      }
    ],
    "images": [
      0
    ],
    "base_recipe": 0,
    "creator": "string"
  }
]
}

```

▼ GET `/api/recipes/{id}/`

Description

Allows the user to view the recipe with the given {id}

Parameters

Path Parameters

id (integer) — the recipe id

Query Parameters

serving_size (integer) — modify the active serving size of the recipe

Responses and Example Values

Status code: 200

```

{
  "name": "string",
  "description": "string",
  "prep_time": 0,
  "cook_time": 0,
  "serving_size": 0,
  "active_serving_size": "string",
  "avg_rating": "string",
  "num_favourites": "string",
  "diets": [
    {
      "name": "string"
    }
  ]
}

```

```

],
"cuisines": [
  {
    "name": "string"
  }
],
"ingredients_list": "string",
"steps": [
  {
    "description": "string",
    "images": [
      0
    ],
    "videos": [
      0
    ],
    "prep_time": 0,
    "cook_time": 0
  }
],
"images": [
  0
],
"base_recipe": 0,
"creator": "string"
}

```

Status code: 404

```

{
  "detail": "Not found."
}

```

▼ PATCH `/api/recipes/{id}/`

Description

Allows the user to edit their recipe.

Parameters

Path Parameters

id (integer) — the recipe id.

Request Body

```

{
  "name": "string",
  "description": "string",
  "prep_time": 0,
  "cook_time": 0,
  "serving_size": 0,
  "diets": [
    {
      "name": "string"
    }
  ],
  "cuisines": [
    {
      "name": "string"
    }
  ],
  "steps": [
    {
      "description": "string",
      "images": [
        0
      ],
      "videos": [
        0
      ],
      "prep_time": 0,
      "cook_time": 0
    }
  ],
  "images": [
    0
  ],
  "base_recipe": 0,
  "ingredients": [
    {
      "name": "string",
      "quantity": 0
    }
  ]
}

```

No fields are required, only add what you need to edit.

Responses and Example Values

Status code: 200:

```

{
  "name": "string",
  "description": "string",
  "prep_time": 0,
  "cook_time": 0,
  "serving_size": 0,
  "active_serving_size": "string",
  "avg_rating": "string",

```

```

    "num_favourites": "string",
    "diets": [
      {
        "name": "string"
      }
    ],
    "cuisines": [
      {
        "name": "string"
      }
    ],
    "ingredients_list": "string",
    "steps": [
      {
        "description": "string",
        "images": [
          0
        ],
        "videos": [
          0
        ],
        "prep_time": 0,
        "cook_time": 0
      }
    ],
    "images": [
      0
    ],
    "base_recipe": 0,
    "creator": "string"
  }

```

Status code 401:

```

{
  "detail": "Authentication credentials were not provided."
}

```

Status code 403:

```

{
  "detail": "You do not have permission to perform this action."
}

```

Status code 404:


```
{
  "detail": "Not found."
}
```

▼ DELETE `/api/recipes/{id}/`

Description

Allows the user to delete a recipe they own.

Parameters

Path Parameters

id (integer) — the recipe id

Responses and Example Values

Status code 204: (No response body)

Status code 401:

```
{
  "detail": "Authentication credentials were not provided."
}
```

Status code 403:

```
{
  "detail": "You do not have permission to perform this action."
}
```

Status code 404:

```
{
  "detail": "Not found."
}
```

▼ POST `/api/recipes/{id}/favourite/`

Description

Allows the user to favourite a recipe

Parameters

Path Parameters

id (integer) — the recipe id

Request Body

No body required.

Responses and Example Values

Status code 201: (No response body)

Status code 401:

```
{
  "detail": "Authentication credentials were not provided."
}
```

Status code 404:

```
{
  "detail": "Recipe not found with the given pk."
}
```

Status code 409:

```
{
  "detail": "Recipe already in favourites."
}
```

▼ DELETE `/api/recipes/{id}/favourite/`

Description

Allows the user to delete a recipe they favoured.

Parameters

Path Parameters

id (integer) — the recipe id

Responses and Example Values

Status code 204: (No response body)

Status code 404:

```
{
  "detail": "Recipe not found with the given pk."
}
```

▼ GET `/api/recipes/{id}/comments/`

Description

Allows the user to view all comments on the recipe with id, {id}.

Parameters

Path Parameters

id (integer) — the recipe id

Query Parameters

page (integer): A page number within the paginated result set.

Responses and Example Values

Status code: 200

```
{
  "count": 123,
  "next": "http://localhost:8000/api/recipes/1/comments/?page=14",
  "previous": "http://localhost:8000/api/recipes/1/comments?page=12"
  "results": [
    {
      "id": 0,
      "description": "string",
      "user": "string",
      "images": [
        0
      ],
      "videos": [
        0
      ]
    }
  ]
}
```

Status code 404:

```
{
  "detail": "Recipe not found with the given pk."
}
```

▼ POST `/api/recipes/{id}/comments/`

Description

Allows the user to comment on a recipe.

Parameters

Path Parameters

id (integer) — the recipe id

Request Body

```
{
  "description": "string",
  "images": [
    0
  ],
  "videos": [
    0
  ]
}
```

Responses and Example Values

Status code: 201

```
{
  "id": 0,
  "description": "string",
  "user": "string",
  "images": [
    0
  ],
  "videos": [
    0
  ]
}
```

Status code 400:

```
{
  "description": [
```

```
    "This field is required."
  ]
}
```

Status code 401:

```
{
  "detail": "Authentication credentials were not provided."
}
```

Status code 404:

```
{
  "detail": "Recipe not found with the given pk."
}
```

▼ DELETE `/api/recipes/comments/{id}/`

Description

Allows the user to delete their comment.

Parameters

Path Parameters

id (integer) — the comment id

Request Body

No request body needed.

Responses and Example Values

Status code: 204 (No response body)

Status code 401:

```
{
  "detail": "Authentication credentials were not provided."
}
```

Status code 403:

```
{
  "detail": "You do not have permission to perform this action."
}
```

Status code 404:

```
{
  "detail": "Not found."
}
```

▼ PATCH `/api/recipes/comments/{id}/`

Description

Allows the user to edit their comment.

Parameters

Path Parameters

id (integer) — the comment id

Request Body

```
{
  "description": "string",
  "images": [
    0
  ],
  "videos": [
    0
  ]
}
```

Only `description` is required.

Responses and Example Values

Status code: 200:

```
{
  "id": 0,
  "description": "string",
  "images": [
    0
  ],
  "videos": [
    0
  ]
}
```

Status code 401:

```
{
  "detail": "Authentication credentials were not provided."
}
```

Status code 403:

```
{
  "detail": "You do not have permission to perform this action."
}
```

Status code 404:

```
{
  "detail": "Not found."
}
```

▼ GET `/api/recipes/ingredients/`

Description

Get all ingredients that start with the given name query parameter.

Parameters

Query Parameters

page (integer): A page number within the paginated result set.

Name (string): name of the ingredient to search by

Responses and Example Values

Status code: 200

```
{
  "count": 123,
  "next": "http://localhost:8000/api/recipes/ingredients/?page=14",
  "previous": "http://localhost:8000/api/recipes/ingredients/?page=12",
  "results": [
    {
      "name": "string"
    }
  ]
}
```

Status code: 400

```
{
  "error": "name is required"
}
```

▼ POST `/api/recipes/{id}/ratings/`

Description

Allows the user to rate a recipe

Parameters

Path Parameters

id (integer) — the recipe id

Request body

```
{
  "rating": 1
}
```

All parameters required.

Responses and Example Values

Status code: 201

```
{
  "rating": 5
}
```

Status code 401:

```
{
  "detail": "Authentication credentials were not provided."
}
```

Status code 404:

```
{
  "detail": "Recipe not found with the given pk."
}
```

Status code 409:

```
{
  "detail": "You can not rate a recipe more than once"
}
```

▼ PATCH `/api/recipes/{id}/ratings/`

Description

Allows the user to edit their rating on a recipe

Parameters

Path Parameters

id (integer) — the recipe id

Request body

```
{
  "rating": 1
}
```

all fields required.

Responses and Example Values

Status code: 200

```
{
  "rating": 5
}
```

Status code 400:

```
{
  "rating": [
    "This field is required."
  ]
}
```

Status code 401:

```
{
  "detail": "Authentication credentials were not provided."
}
```

▼ DELETE `/api/recipes/{id}/ratings/`

Description

Allows the user delete their rating on a recipe

Parameters

Path Parameters

id (integer) — the recipe id

Responses and Example Values

Status code: 204 (no response body)

Status code 401:

```
{
  "detail": "Authentication credentials were not provided."
}
```

Status code 404:

```
{
  "detail": "Recipe not found with the given pk."
}
```

▼ GET `/api/recipes/popular/`

Description

Allows the user to view all popular recipes.

Responses and Example Values

Status code: 200

```
{
  "count": 123,
  "next": "http://localhost:8000/api/recipes/?page=14",
  "previous": "http://localhost:8000/api/recipes/?page=12",
  "results": [
    {
      "name": "string",
      "description": "string",
      "prep_time": 0,
      "cook_time": 0,
      "serving_size": 0,
      "active_serving_size": "string",
      "avg_rating": "string",
      "num_favourites": "string",
      "diets": [
        {
          "name": "string"
        }
      ],
      "cuisines": [
        {
          "name": "string"
        }
      ],
      "ingredients_list": "string",
      "steps": [
        {
          "description": "string",
          "images": [
            0
          ],
          "videos": [
            0
          ],
          "prep_time": 0,
          "cook_time": 0
        }
      ]
    }
  ]
}
```

```
    ],
    "images": [
      0
    ],
    "base_recipe": 0,
    "creator": "string"
  }
]
```

Shopping List

▼ PUT `/api/shopping_list/recipes/`

Description

Add a recipe to current user's shopping list.

Request Body

```
{
  "recipe_id": 49,
  "serving_size": 3
}
```

All fields required.

Responses and Example Values

Status code: 200

```
{
  "recipe": {
    "id": 1,
    "name": "Recipe 6",
    "url": null
  },
  "serving_size": 4
}
```

Status code: 400

```
{
  "error": "recipe_id and serving_size are required"
}
```

Status code: 401

```
{
  "detail": "Authentication credentials were not provided."
}
```

Status code: 404

```
{
  "detail": "Recipe not found with the given pk."
}
```

▼ GET `/api/shopping_list/recipes`

Description

Get all the recipes inside the user's shopping list

Parameters:

No parameters

Responses and Example Values

Status code: 200

```
{
  "count": 123,
  "next": null,
  "previous": null,
  "results": [
    {
      "name": "string",
      "quantity": 0
    }
  ]
}
```

Status code: 401

```
{
  "detail": "Authentication credentials were not provided."
}
```

```
}
```

▼ DELETE `/api/shopping_list/recipes`

Description

Delete all the recipes inside the user's shopping list

Responses and Example Values

Status code: 204 (No response body)

Status code: 401

```
{
  "detail": "Authentication credentials were not provided."
}
```

▼ GET `api/shopping_list/`

Description

Open the current user's shopping list.

Parameters:

No parameters

Responses and Example Values

Status code: 200

```
{
  "count": 1,
  "next": null,
  "previous": null,
  "results": [
    {
      "recipe": {
        "id": 1,
        "name": "Recipe 6",
        "url": "http://localhost:8000/api/recipes/1/"
      },
      "serving_size": 4
    }
  ]
}
```

Status code: 401

```
{
  "detail": "Authentication credentials were not provided."
}
```

Images

▼ POST `/api/recipes/images/`

Description

Upload an image for a recipe

Request Body

```
{
  "image": "string"
}
```

Responses and Example Values

Status code: 201

```
{
  "id": 0,
  "image": "string"
}
```

Status code: 400

```
{
  "image": [
    "Upload a valid image. The file you uploaded was either not an image or a corrupted image."
  ]
}
```

Status code: 401

```
{
  "detail": "Authentication credentials were not provided."
}
```

▼ POST `/api/recipes/steps/images/`

Description

Upload an image for the recipe step

Request Body

```
{
  "image": "string"
}
```

Responses and Example Values

Status code: 201

```
{
  "id": 0,
  "image": "string"
}
```

Status code: 400

```
{
  "image": [
    "Upload a valid image. The file you uploaded was either not an image or a corrupted image."
  ]
}
```

Status code: 401

```
{
  "detail": "Authentication credentials were not provided."
}
```

▼ POST `/api/recipes/steps/videos/`

Description

Upload a video for the recipe step

Request Body


```
{
  "video": "string"
}
```

Responses and Example Values

Status code: 400

```
{
  "video": [
    "No file was submitted."
  ]
}
```

```
{
  "video": [
    "Invalid file type. Please upload a video file."
  ]
}
```

Status code: 401

```
{
  "detail": "Authentication credentials were not provided."
}
```

▼ POST `/api/recipes/comments/images/`

Description

Upload an image for the recipe comment

Request Body

```
{
  "image": "string"
}
```

Responses and Example Values

Status code: 201

```
{
  "id": 0,
  "image": "string"
}
```

Status code: 400

```
{
  "image": [
    "No file was submitted."
  ]
}
```

```
{
  "image": [
    "Upload a valid image. The file you uploaded was either not an image or a corrupted image."
  ]
}
```

Status code: 401

```
{
  "detail": "Authentication credentials were not provided."
}
```

▼ POST `/api/recipes/comments/videos/`

Description

Upload a video for the recipe comment

Request Body

```
{
  "video": "string"
}
```

Responses and Example Values

Status code: 400

```
{
  "video": [
```

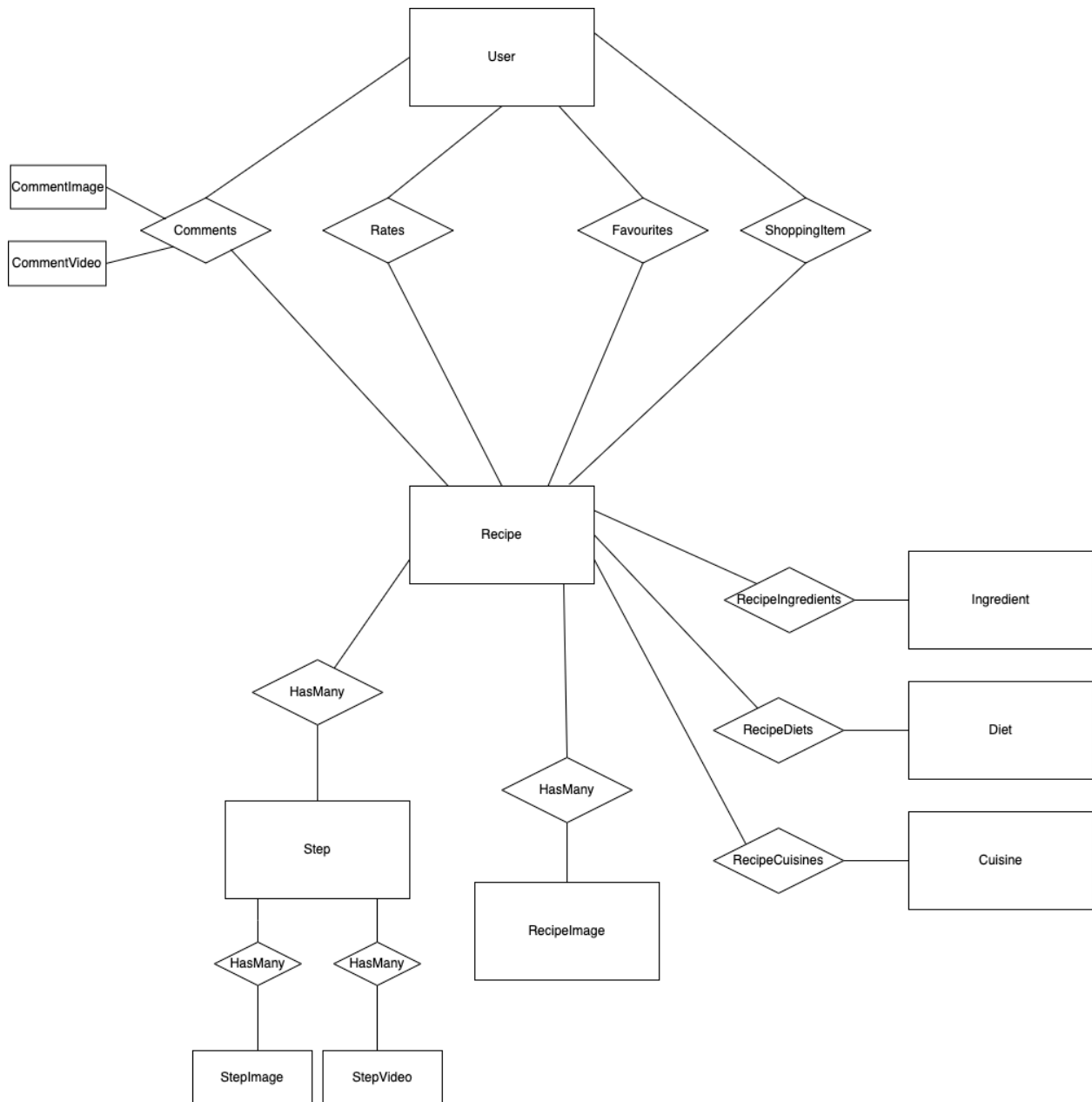
```
    "No file was submitted."
  ]
}
```

```
{
  "video": [
    "Invalid file type. Please upload a video file."
  ]
}
```

Status code: 401

```
{
  "detail": "Authentication credentials were not provided."
}
```

Model Design



A very informal ERD Diagram.