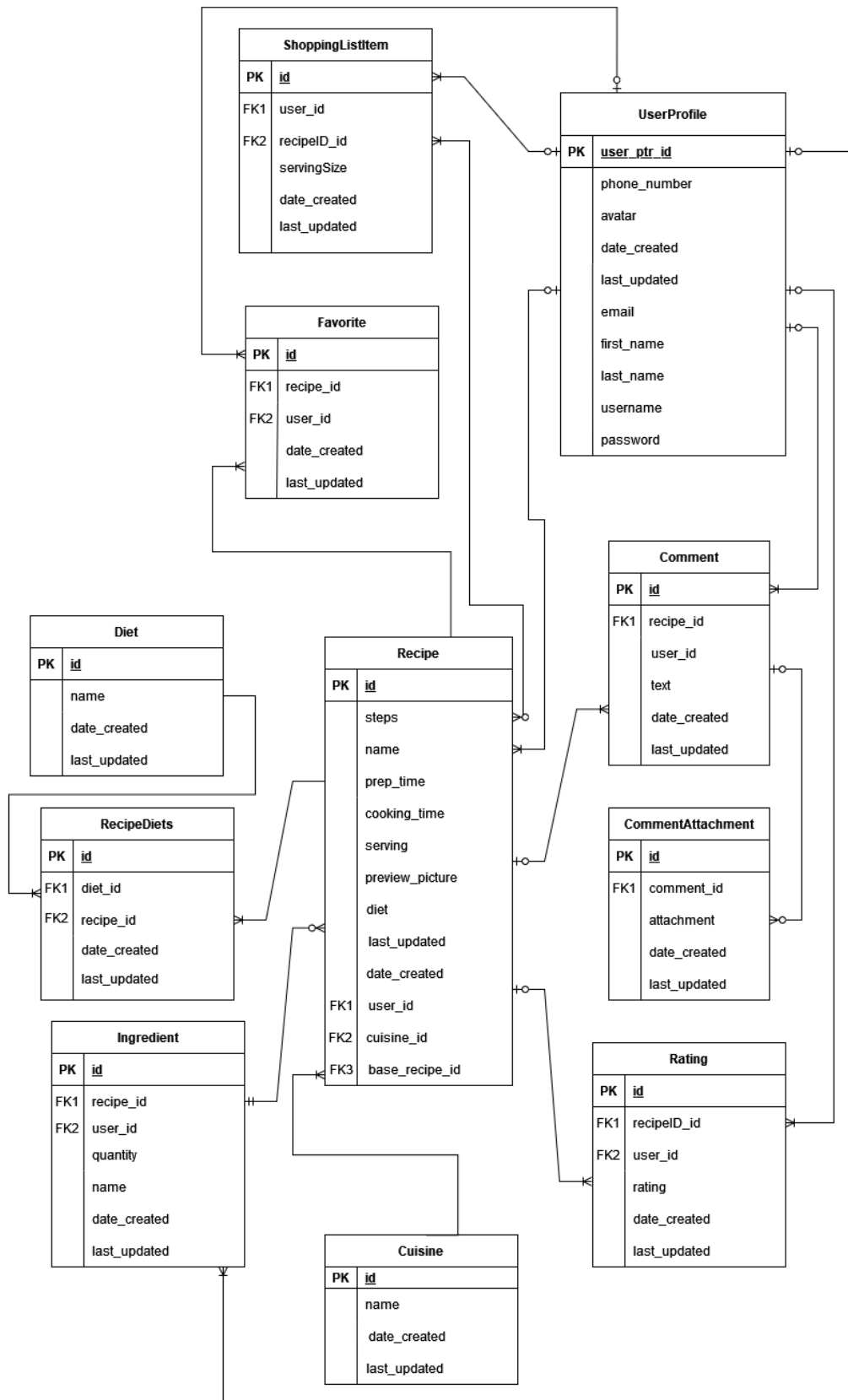


P2 Documentation

API endpoints for phase 2 of group project

Models Description



Auth/Profiles

This category contains auth and user information related endpoints

Auth

POST Signup

`BASE_URL/accounts/signup/`

This API endpoint allows users to create a new account. A request should be sent to this URL with the following parameters:

- **username**: The user's username that will be used for login
- **password**: The user's password that will be used for login
- **password_2**: Confirmation of parameter **password**
- **first_name** (optional): The user's first name
- **last_name** (optional): The user's last name
- **email** (optional): The user's email
- **avatar** (optional): The user's profile picture
- **phone_number** (optional): The user's phone number

Body Example `form-data`

username	user3
password	hello!1234
password2	hello!1234
first_name	John
last_name	Doe
email	john@gmail.com
avatar	/C:/Users/Public/01f94aed-52ad.webp
phone_number	123456789

Auth Token: Not Required

POST Login

`BASE_URL/accounts/login/`

This API endpoint allows users to log in into an existing account. A request should be sent to this URL with the following parameters:

- **username:** The user's username
- **password:** The user's password

Body Example form-data

username	user3
password	hello!1234

Auth Token: Not Required

Profile View/Edit

PATCH Edit Profile

`BASE_URL/accounts/edit-profile/`

This API endpoint allows users to update their profile information. Request should be sent to this URL with the following parameters:

- **first_name** (optional): The user's first name
- **last_name** (optional): The user's last name
- **email** (optional): The user's email address
- **avatar** (optional): The user's profile picture
- **phone_number** (optional): The user's phone number

Body Example form-data

first_name	John
last_name	Smith

email	John.Smith@example.com
avatar	/C:/Users/pub/01f94aed.webp
phone_number	647-0909-555

Auth Token: Required

PUT Change Password

`BASE_URL/accounts/change-password/`

This API endpoint allows users to change their password. Request should be sent to this URL with the following parameters:

- **old_password:** Current password of the user
- **password:** New password of the user
- **password2:** Confirmation of new password

Body Example `form-data`

old_password	hello!1234
password	hello!12345
password2	hello!12345

Auth Token: Required

GET Profile Details

`BASE_URL/accounts/details/{id}/`

This API endpoint allows users to get any user details. Requests should be sent to this URL with no parameters.

Note: that request's url must contain a valid **user_id**

Auth Token: Not Required

GET Top Creators

`BASE_URL/accounts/top-creators/`

This API endpoint allows users to get any user details. Requests should be sent to this URL with no parameters. Request has the following query params:

- **take:** Number of top creators to return

Auth Token: Not Required

Recipe

This category contains recipe related endpoints

Edit

POST Recipe Create

`BASE_URL/recipe/save/`

This API endpoint allows users to create a new recipe. Request should be sent to this URL with the following parameters:

- **steps**: The recipe's steps html from rich text editor
- **name**: The recipe's name
- **serving**: The recipe's serving size
- **cuisine** (optional): The recipe's cuisine id.
- **prep_time** (optional): The recipe's preparation time
- **cooking_time** (optional): The recipe's cooking time
- **base_recipe** (optional): The recipe's base recipe that it was built on
- **diets** (optional): The recipe's list of diets where each item of list has the following format: `{"id": diet_id}`
- **ingredients**: The recipe's list of ingredients where each item of list has the following format: `{"name": ingredient_name, "quantity": amount_of_ingredient, "unit": unit_of_measure_of_ingredient}`

Note: Make sure that some **cuisine** and **diet** exists before creating a recipe.

Ideally cuisine and diet tables should be pre populated by admin. Just for p2 two extra apis where added that is: **Create Diet** and **Create Cuisine**.

Body Example raw (json)

```
{  
  "steps": "This is random steps",  
  "name": "Book",  
  "serving": 4,  
  "cuisine": 1,
```

```

    "prep_time": "15 minutes",
    "cooking_time": "1 hour",
    "base_recipe": 1,
    "ingredients": [
      { "name": "Toast", "quantity": 123, "unit": "kg" },
      { "name": "Toast123", "quantity": 23, "unit": "g" }
    ],
    "diets" : [
      { "id": 1 }
    ]
  }
}

```

Auth Token: Required

PUT Recipe Save Changes

`BASE_URL/recipe/save/`

This API endpoint allows users to save edited recipes. Request should be sent to this URL with the following parameters:

- **steps:** The recipe's steps html from rich text editor
- **name:** The recipe's name
- **serving:** The recipe's serving size
- **cuisine** (optional): The recipe's cuisine id.
- **prep_time** (optional): The recipe's preparation time
- **cooking_time** (optional): The recipe's cooking time
- **base_recipe** (optional): The recipe's base recipe that it was built on
- **diets** (optional): The recipe's list of diets where each item of list has the following format: `{"id": diet_id}`
- **ingredients:** The recipe's list of ingredients where each item of list has the following format: `{"name": ingredient_name, "quantity": amount_of_ingredient, "unit": unit_of_measure_of_ingredient}`

Note: that all fields of the original recipe must be included even if they were not modified.

Body Example raw (json)

```
{
  "steps": "This is random steps",
  "name": "Book",
  "serving": 4,
  "cuisine": 1,
  "prep_time": "15 minutes",
  "cooking_time": "1 hour",
  "base_recipe": 1,
  "ingredients": [
    { "name": "Toast", "quantity": 123, "unit": "kg" },
    { "name": "Toast123", "quantity": 23, "unit": "g" }
  ],
  "diets" : [
    { "id": 1 }
  ]
}
```

Auth Token: Required

PUT Recipe Preview Picture

`BASE_URL/recipe/upload-preview-pricture/{recipe_id}/`

This API endpoint allows users to upload preview pictures for recipes with **recipe_id**. Request should be sent to this URL with the following parameters:

- **preview_picture:** Image for preview picture as file

DELETE Recipe Delete

`BASE_URL/recipe/delete/{recipe_id}/`

This API endpoint allows users to delete created recipes. Requests should be sent to this URL with no parameters.

Note: that request's url must contain a valid recipe id.

Auth Token: Required

GET Ingredients Autocomplete

`BASE_URL/recipe/autocompleteBy/{input}/`

This API endpoint allows users to get ingredients auto suggestions based on their input. Requests should be sent to this URL with no parameters.

Note: that request's url must contain a string input.

Auth Token: Required

View/Interact

GET Recipe Details

`BASE_URL/recipe/details/{recipe_id}/`

This API endpoint allows users to get details of the recipe with provided `recipe_id` in the URL. Requests should be sent to this URL with no parameters.

Note: that request's url must contain a valid **recipe_id**

Auth Token: Not Required

GET Recipe Comments

`BASE_URL/recipe/all-comments/{recipe_id}`

This API endpoint allows users to get comments of the recipe with provided **recipe_id** in the URL. Requests should be sent to this URL with no parameters.

Note: that request's url must contain a valid **recipe_id**

Auth Token: Not Required

GET Recipe Duplicate

`BASE_URL/recipe/all-comments/{recipe_id}`

This API endpoint allows users to get details of the recipe with provided `recipe_id` in the URL for further editing as a new copy of the provided recipe. Requests should be sent to this URL with no parameters.

Note: that request's url must contain a valid **recipe_id**

Auth Token: Required

POST Rate

`BASE_URL/recipe/rate/{recipe_id}/`

This API endpoint allows users to rate the recipe with provided `recipe_id` in URL. Request should be sent to this URL with following parameters:

- **rating:** Rating of recipe from and including 0 to 5

Note: that request's url must contain a valid **recipe_id**

Body Example form-data

rating	3
---------------	---

Auth Token: Required

POST Add Comment

`BASE_URL/recipe/comment/{recipe_id}/`

This API endpoint allows users to add comments to the recipe with provided **recipe_id** in the URL. Request should be sent to this URL with following parameters:

- **text**: Message of user that will be added to recipe comments
- **attachments** (optional): List of attachments attached to the message

Note: that request's url must contain a valid **recipe_id**

Body Example form-data

text	Amazing recipe!
attachments	/C:/Users/01f.webp

Auth Token: Required

POST Mark As Favorite

`BASE_URL/recipe/add-to-favorite/{recipe_id}/`

This API endpoint allows users to mark as their favorite the recipe with provided **recipe_id** in the URL. Requests should be sent to this URL with no parameters.

Note: that request's url must contain a valid **recipe_id**

Auth Token: Required

POST Remove From Favorite

`BASE_URL/recipe/remove-from-favorite/{recipe_id}/`

This API endpoint allows users to remove from favorites the recipe with provided `recipe_id` in the URL. Requests should be sent to this URL with no parameters.

Note: that request's url must contain a valid **recipe_id**

Auth Token: Required

Recipe Lists

GET All Recipes

`BASE_URL/recipe/list/`

This API endpoint allows users to get the list of all recipes on the platform. Requests should be sent to this URL with no parameters. Request has the following query params for filtering:

- **take:** Number of recipes to return (pagination)
- **skip:** Number of recipes to skip (pagination)
- **name:** Name or part of the name of recipe (filtering)
- **creator:** Id of user that created recipe (filtering)
- **cuisine:** Id of cuisine that recipe contains (filtering)
- **diet:** Id of diet that recipe contains (filtering)
- **cookTime:** Cooking time of the recipe (filtering)
- **ingredients:** Name of ingredient that recipe contains (filtering)

Auth Token: Not Required

GET Interactions

`BASE_URL/recipe/interactions/`

This API endpoint allows users to get the list of all recipes auth user interacted with(like, comment, create). Requests should be sent to this URL with no parameters. Request has the following query params for filtering:

- **take**: Number of recipes to return (pagination)
- **skip**: Number of recipes to skip (pagination)
- **name**: Name or part of the name of recipe (filtering)
- **creator**: Id of user that created recipe (filtering)
- **cuisine**: Id of cuisine that recipe contains (filtering)
- **diet**: Id of diet that recipe contains (filtering)
- **cookTime**: Cooking time of the recipe (filtering)
- **ingredients**: Name of ingredient that recipe contains (filtering)

Auth Token: Not Required

GET Favorite Recipes

`BASE_URL/recipe/favorites/`

This API endpoint allows users to get the list of all recipes auth user marked as favorite. Requests should be sent to this URL with no parameters. Request has the following query params for filtering:

- **take**: Number of recipes to return (pagination)
- **skip**: Number of recipes to skip (pagination)
- **name**: Name or part of the name of recipe (filtering)
- **creator**: Id of user that created recipe (filtering)
- **cuisine**: Id of cuisine that recipe contains (filtering)
- **diet**: Id of diet that recipe contains (filtering)
- **cookTime**: Cooking time of the recipe (filtering)
- **ingredients**: Name of ingredient that recipe contains (filtering)

Auth Token: Not Required

GET Popular Recipes

`BASE_URL/recipe/popular-recipes/`

This API endpoint gets the top 10 most popular recipes based on amounts of saves/favorites. Request should be sent to this URL with the following parameter:

- **take:** Number of recipes to return (pagination)

Auth Token: Not Required

Filter Options

This category contains filter options for all possible filter inputs on the platform.

GET Filter Creators List

`BASE_URL/recipe/filters/creator/`

This API endpoint allows users to get the list of all creators on the app. Requests should be sent to this URL with no parameters.

Auth Token: Not Required

GET Filter Ingredients List

`BASE_URL/recipe/filters/ingredients/`

This API endpoint allows users to get the list of all ingredients used in active recipes on the app. Requests should be sent to this URL with no parameters.

Auth Token: Not Required

GET Filter Cuisines List

`BASE_URL/recipe/filters/cuisines/`

This API endpoint allows users to get the list of all cuisines on the app.

Requests should be sent to this URL with no parameters.

Auth Token: Not Required

GET Filter Diet List

`BASE_URL/recipe/filters/diets/`

This API endpoint allows users to get the list of all diets on the app. Requests should be sent to this URL with no parameters.

Auth Token: Not Required

POST Create Diet

`BASE_URL/recipe/add-diet/`

This api endpoint will be only used by system admins!

API endpoint adds new diet. Request should be sent to this URL with the following parameters:

- **name:** name of new diet

Body Example `form-data`

name Diet name example.

Auth Token: Required

POST Create Cuisine

`BASE_URL/recipe/add-cuisine/`

This api endpoint will be only used by system admins!

API endpoint adds new cuisine. Request should be sent to this URL with the following parameters:

- **name:** name of new cuisine

Body Example form-data

name Cuisine name example.

Auth Token: Required

Shopping List

GET Shopping List Details

`BASE_URL/shopping-list/details/`

This API endpoint allows users to get their shopping list details. Requests should be sent to this URL with no parameters.

Auth Token: Required

GET Shopping List Ingredients

`BASE_URL/shopping-list/ingredients/`

This API endpoint allows users to get the list of ingredients in their shopping list. Requests should be sent to this URL with no parameters.

Auth Token: Required

POST Add Recipe To Shopping List

`BASE_URL/shopping-list/add-recipe/`

This API endpoint allows users to add all the ingredients needed to create a recipe into their shopping list. A request should be sent to this URL with the following parameters:

- **servingSize:** The serving size will be used to determine how much of each ingredient is needed to create the recipe with that particular serving size.

- **recipeID:** The recipe id will be used to determine which recipe is being added to the shopping list.

Body Example form-data

servingSize	4
recipeID	13

Auth Token: Required

DELETE Remove Recipe From Shopping List

`BASE_URL/shopping-list/remove-recipe/`

This API endpoint allows users to remove the ingredients needed to make a recipe from the user's shopping list. Request should be sent to this URL with the following parameter:

- **recipeID:** The recipe id will be used to determine which recipe is to be removed from the shopping list

Body Example form-data

recipeID	13
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Auth Token: Required

PATCH Change Serving Size

`BASE_URL/shopping-list/change-serving-size/`

This API endpoint allows users to change the serving size of a particular recipe in the shopping list. Request should be sent to this URL with the following parameters:

- **recipeID:** The recipe id of which serving size will be changed
- **servingSize:** New serving size for recipe

Body Example form-data

recipeID 13

servingSize 2

Auth Token: Required