Firebase Functions API Docs:

get_image_by_name
Method: POST

Body: {name: string}

Response: string (URL of the image)

Description: Scrapes an image of the recipe from bing.com

get_recipes_from_ingredients
Method: POST

Body: {ingredients: string[], page: number}

Response: object (list of recipes)

Structure: {recipes: [{name: string, ingredients: string[], time: string, tags: string[]}, …]}

Description: Gets recipes based on the provided ingredients from Gemini along with some sense of pagination. Recipes might duplicate over multiple pages as it is not real pagination.

get_recipes_by_name
Method: POST

Body: {name: string, page: number}

Response: object (list of recipes)

Structure: {recipes: [{name: string, ingredients: string[], time: string, tags: string[]}, …]}

Description: Gets recipes based on the provided name from Gemini along with some sense of pagination. Recipes might duplicate over multiple pages as it is not real pagination.

get_detailed_recipe
Method: POST

Body: {name: string, ingredients: string[]}

Response: object (single object detailed recipe)

Structure: {name: string, ingredients: string[], time: string, tags: string[], process: string[]}
Description: Gets detailed recipe based on name and ingredients with a list of detailed ingredients along with quantities, cooking time and detailed process to cook.

get_meal_plan
Method: POST

Body: {userData: Json object, days: number}

Response: Object containing a detailed meal plan for the requested number of days.

Structure: {mealPlan : Array[] }

Description: Generates a meal plan for a specified number of days based on user preferences, including age, sex, diet type, weight, and height. Each day includes breakfast, lunch, and dinner with nutritional details for each meal.