

SETTING UP APPLICATION ENVIRONMENT

Creation of account in Nutrition API:

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TEAM ID	PNT2022TMID25087
PROJECT NAME	NUTRITION ASSISTANT APPLICATION

Creation of account in Nutrition API:

In IBM Project workspace, website link is provided to create an account in Nutrition API. By using the resources we have created an account in Nutrition API.

About Nutrition API (From Resources):

The spoonacular Nutrition, Recipe, and food API allows you to access over 365,000 recipes and 86,000 Food products. Our food ontology and semantic recipe search engine makes it possible to search for recipes using natural language queries, such as "gluten free brownies without sugar" or "low fat vegan cupcakes." You can automatically calculate the nutritional information for any recipe,

analyze recipe costs, visualize ingredient lists, find recipes for what's in your fridge, find recipes based on special diets, nutritional requirements, or favourite ingredients, classify recipes into types and cuisines, convert ingredient amounts, or even compute an entire meal plan. With our powerful API, you can create many kinds of food and especially nutrition apps. Special diets/dietary requirements currently available include: vegan, vegetarian, pescetarian, gluten free, grain free, dairy free, high protein, low sodium, low carb, Paleo, Primal, ketogenic, FODMAP, and Whole 30.

Here is the Screenshot given Below

The screenshot displays the RapidAPI interface for the 'Recipe - Food - Nutrition' API. The top navigation bar includes 'My Orgs', 'API Hub', 'My Apps', 'My APIs', 'Docs', and a user profile icon. The API details section shows a popularity score of 9.8/10, a latency of 651ms, and a service level of 100%. The documentation section describes the API's capabilities, such as searching for recipes by ingredients, nutrients, or ingredients, and provides a list of endpoints. A code snippet for using the API with Axios is shown on the right.

Recipe - Food - Nutrition API Documentation

The Spoonacular Nutrition, Recipe, and food API allows you to access over 365,000 recipes and 86,000 Food products. Our food ontology and semantic recipe search engine makes it possible to search for recipes using natural language queries, such as "gluten free brownies without sugar" or "low fat vegan cupcakes." You can automatically calculate the nutritional information for any recipe, analyze recipe costs, visualize ingredient lists, find recipes for what's in your fridge, find recipes based on special diets, nutritional requirements, or favorite ingredients, classify recipes into types and cuisines, convert ingredient amounts, or even compute an entire meal plan. With our powerful API, you can create many kinds of food and especially nutrition apps.

Special diets/dietary requirements currently available include: vegan, vegetarian, pescetarian, gluten free, grain free, dairy free, high protein, low sodium, low carb, Paleo, Primal, ketogenic, FODMAP, and Whole 30. We will soon be adding Weight Watcher points, too.

Endpoints

- GET Search Recipes
- GET Search Recipes (Deprecated)
- GET Search Recipes Complex (Deprecated)
- GET Search Recipes by Nutrients
- GET Search Recipes by Ingredients

Code Snippets

```
(Node.js) Axios
const axios = require("axios");

const options = {
  method: 'GET',
  url: 'https://spoonacular-recipe-food-nutrition-v1.p.rapidapi.com/recipes/complexsearch',
  params: {
    query: 'pasta',
    cuisine: 'italian',
    excludecuisines: 'greek',
    diet: 'vegetarian'
  }
}
```