

SPRINT-I

Setting up Application Environment

Nutrition API Account Creation

Date	15 November 2022
Team ID	PNT2022TMID44395
Project Name	Nutrition Assistant Application

Creation of an Account In Nutrition API:

In the IBM Project workspace there is a website link to create an account in the rapid API and to integrate with the application.

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 "lowfat vegan cupcakes." You can automatically calculate the nutritional information for any recipe, analyze recipe costs, visualize ingredient lists, find recipes for what is 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 manykinds 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.

The screenshot shows a web browser window with multiple tabs open. The active tab is 'Recipe - Food - Nutri...' on the RapidAPI website. The URL bar shows 'rapidapi.com/spoonacular/api/recipe-food-nutrition/'. The page header includes the RapidAPI logo, a search bar, and navigation links like 'My Orgs', 'API Hub', 'My Apps', 'My APIs', and 'Docs'. The main content area is for the 'Recipe - Food - Nutrition' API, which is marked as 'FREEMIUM' and 'Verified'. It includes a description of the API's capabilities, such as searching for recipes using natural language queries and calculating nutritional information. A section titled 'Special diets/dietary requirements currently available include:' lists various diets like vegan, vegetarian, pescetarian, etc. Below this, there is a sidebar with a search bar and a list of endpoints under the 'Recipes' category. The main content area shows the 'GET Search Recipes' endpoint with a description and a note about request counting. To the right, there is a 'Code Snippets' section with a 'Copy Code' button and a code snippet for using the API with Node.js and Axios. The bottom of the browser window shows the Windows taskbar with various icons and the system clock indicating 12:45 PM on 15-11-2022.

IBM App Developer x ci-pipeline PipelineRu x pr-pipeline Dashboa x (58) WhatsApp x RapidAPI | Organizati x Recipe - Food - Nutri x +

← → ↻ rapidapi.com/spoonacular/api/recipe-food-nutrition/

Gmail YouTube Maps https://careereduca... ibm Robots are coming!... Robots are coming!... 503 Service Tempor...

RapidAPI Search for APIs / My Orgs API Hub My Apps My APIs Docs

Recipe - Food - Nutrition FREEMIUM Verified

Endpoints About Tutorials Discussions Pricing

The spoonacular Recipe - Food - Nutrition API gives you to access to thousands of recipes, storebought packaged foods, and chain restaurant menu items. 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, estimate 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 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, and more.

Search endpoints

Recipes

GET Search Recipes

GET Search Recipes (Deprecated)

GET Search Recipes Complex (Deprecated)

GET Search Recipes by Nutrients

GET Search Recipes by Ingredients

GET Search Recipes

Subscribe to Test

Search through thousands of recipes using advanced filtering and ranking. NOTE: Since this method combines searching by query, by ingredients, and by nutrients into one endpoint, each request counts as 3 requests.

Personal Account 191MT37 Ranish. T

Code Snippets Results

(Node.js) Axios Copy Code

```
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',
    excludeCuisine: 'greek',
  }
}
```

30°C Partly sunny 12:45 PM 15-11-2022