

## SPRINT-I

### Setting up Application Environment

#### Nutrition API Account Creation

Date	5 November 2022
Team ID	PNT2022TMID03350
Project Name	Nutrition Assistant Application

#### Create An Account In Nutrition API:

In IBM Project workspace there is a website link is there to create an account in the Nutrition API using those resources we have created an account in Nutrition API.

#### Short Note 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 page is titled 'Recipe - Food - Nutrition' and is verified. It shows a popularity score of 9.8 / 10, a latency of 651ms, and a service level of 100%. The API is by David, updated 19 days ago, and is featured in Food & Restaurant. The documentation section describes the Spoonacular Nutrition, Recipe, and food API, which allows access to over 365,000 recipes and 86,000 food products. It highlights features like searching by natural language queries, calculating nutritional information, and finding recipes based on special diets. A list of endpoints is provided on the left, including 'GET Search Recipes', 'GET Search Recipes (Deprecated)', 'GET Search Recipes Complex (Deprecated)', 'GET Search Recipes by Nutrients', and 'GET Search Recipes by Ingredients'. The 'GET Search Recipes' endpoint is selected, showing a description: '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.' A code snippet for using the API with Node.js Axios is shown on the right, with a 'Copy Code' button. The bottom of the page shows a Windows taskbar with various application icons and a system clock indicating 21:42 on 29-10-2022.

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.

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

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  
Kévin José

RapidAPI App  
default-application\_6807531

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',
  },
}
```