

## SPRINT-IV

### Setting up Application Environment

#### Nutrition API Account Creation

Date	8 November 2022
Team ID	PNT2022TMID07486
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 includes a search bar, a list of endpoints, and a code snippet for using the API with Axios. The documentation text describes the API's capabilities, such as searching for recipes by natural language queries, analyzing recipe costs, and finding recipes based on special diets. The code snippet shows how to make a GET request to the 'complexSearch' endpoint with parameters for query, cuisine, and complexSearch.

Recipe - Food - Nutrition API Documentation

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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.

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.

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',
    complexSearch: true
  }
}
```