

SPRINT-I

SETTING UP APPLICATION ENVIRONMENT

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 browser's address bar shows the URL `rapidapi.com/spoonacular/api/recipe-food-nutrition/`. The page features a search bar at the top, navigation links like 'My Orgs', 'API Hub', 'My Apps', 'My APIs', 'Docs', and a user profile icon. The main content area is titled 'Recipe - Food - Nutrition API Documentation' and includes a detailed description of the API's capabilities, such as searching for recipes using natural language queries, estimating recipe costs, and visualizing ingredient lists. A section titled 'Special diets/dietary requirements currently available include:' lists various dietary options like vegan, vegetarian, gluten free, etc.

The 'GET Search Recipes' endpoint is highlighted, showing its 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.' Below the description, there is a dropdown menu for 'Personal Account' and a 'RapidAPI App' dropdown.

The 'Code Snippets' tab is active, displaying a code snippet for using the API with Node.js and Axios:

```
(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',
    diet: 'vegetarian',
  },
}
```