

SPRINT-I

SETTING UP APPLICATION ENVIRONMENT

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 website interface. At the top, there's a search bar and navigation links. The main section features the 'Recipe - Food - Nutrition' API, which is verified and has a popularity score of 9.8/10 and a latency of 711ms. Below this, there's a 'Recipe - Food - Nutrition API Documentation' section. The documentation describes the API's capabilities, such as searching for recipes using natural language queries, calculating nutritional information, and finding recipes based on special diets. It also lists available special diets/dietary requirements: vegan, vegetarian, pescetarian, gluten free, grain free, dairy free, high protein, low sodium, low carb, Paleo, Primal, ketogenic, and more.

Below the documentation, there's a 'GET Search Recipes' endpoint. The interface shows a 'Personal Account' section with a dropdown menu for '4126 K. Yuvarani'. The 'RapidAPI App' is set to 'default-application_6775411'. The 'Request URL' is 'rapidapi.com'. The 'Code Snippets' section shows a JavaScript code snippet for making a GET request to the API.

```
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',
    intolerances: 'gluten',
    equipment: 'pan',
    includeIngredients: 'tomato,cheese',
    excludeIngredients: 'eggs',
    type: 'main course',
    instructionsRequired: 'true',
    #includeIngredients: 'false',
    #includeInstructions: 'false'
  }
}
```