

## Setting up Application Environment

### Create Nutrition API Account

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Team ID	PNT2022TMID29771
Project Name	Nutrition Assistant Application
Maximum Marks	

**Step 1:** Navigate to <https://rapidapi.com/spoonacular/api/recipe-food-nutrition/>

**Step 2:** Click on “Start for free” and register yourselves by entering required details and click on create account.

**Step 3:** Further fill all required details in next page and click on get started as shown below

**Step 4:** That’s it you have created your nutrition API account and got access to dashboard

**Output:** Nutrition API account created successfully

The screenshot shows the RapidAPI dashboard for the 'Recipe - Food - Nutrition' API. The dashboard includes a search bar, navigation links (My Orgs, API Hub, My Apps, My APIs, Docs), and a summary of the API's popularity (9.8 / 10), latency (700ms), and service level (100%). Below this, there is a section for 'Recipe - Food - Nutrition API Documentation' which describes the API's capabilities and provides a list of endpoints. The 'Endpoints' section is expanded, showing the 'GET Search Recipes' endpoint. The 'Code Snippets' section is also expanded, showing a code snippet for using the API with (Node.js) Axios.

**Recipe - Food - Nutrition API Documentation**

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.

**Endpoints**

- GET Search Recipes
- GET Search Recipes (Deprecated)
- GET Search Recipes Complex (Deprecated)

**Code Snippets**

```
(Node.js) Axios
const axios = require("axios");

const options = {
  method: 'GET',
  url: 'https://spoonacular-recipe-food-nutrition-v1.p.rapidapi.com/rec'}
```

