

# IMPLEMENTING WEB APPLICATION

## INTEGRATE NUTRTION API

Date	24 September 2022
Team ID	PNT2022TMID23092
Project Name	Nutrition Assistant Application
Maximum Marks	2 Marks

### API :

The screenshot displays the RapidAPI interface for the 'Recipe - Food - Nutrition' API. The header includes the RapidAPI logo, a search bar, and navigation links like 'My Orgs', 'API Hub', 'My Apps', 'My APIs', 'Docs', and a notification bell. The API card shows a 'FREEMIUM' status, a 'Verified' badge, and metrics: Popularity (9.9 / 10), Latency (664ms), and Service Level (100%). Below the card, there are links for 'Endpoints', 'About', 'Tutorials', 'Discussions', and 'Pricing'. The main section is titled 'Recipe - Food - Nutrition API Documentation' and contains a detailed description of the API's capabilities, such as searching for recipes by natural language, calculating nutritional information, and estimating costs. It also lists special diets supported by the API. At the bottom, there is a 'Search endpoints' bar with a dropdown menu showing 'GET Search Recipes' and 'GET Search Recipes (Deprecated)'. The 'GET Search Recipes' endpoint is selected, showing its description and a 'Subscribe to Test' button. To the right, there are 'Code Snippets' and 'Results' tabs, with the 'Code Snippets' tab active, displaying a code snippet for using the API with Node.js and Axios.

**Recipe - Food - Nutrition** FREEMIUM Verified

By David | Updated 19 days ago | Food | Featured in Food & Restaurant

Popularity: 9.9 / 10 | Latency: 664ms | Service Level: 100%

[Endpoints](#) [About](#) [Tutorials](#) [Discussions](#) [Pricing](#)

### 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.

**GET Search Recipes** [Subscribe to Test](#)

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** [Copy Code](#)

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

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