

# 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 interface for the 'Recipe - Food - Nutrition' API. The top navigation bar includes the RapidAPI logo, a search bar, and links for 'My Orgs', 'API Hub', 'My Apps', 'My APIs', and 'Docs'. The API details section shows the name 'Recipe - Food - Nutrition', a 'Verified' badge, and performance metrics: 9.8 / 10 popularity, 723ms latency, and 100% service level. Below this, the 'Endpoints' tab is active, showing a list of endpoints on the left and the 'GET Search Recipes' endpoint selected in the center. The 'GET Search Recipes' endpoint configuration panel includes a 'Personal Account' dropdown (ANU BALA), a 'RapidAPI App' dropdown (default-application\_6836384), a 'Request URL' dropdown (rapidapi.com), and a 'Header Parameters' section. A 'Subscribe to Test' button is also present. On the right, the 'Code Snippets' tab shows a JavaScript code snippet for using the API with 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',
    excludeCuisine: 'greek',
    diet: 'vegetarian',
    intolerances: 'gluten',
    equipment: 'pan',
    includeIngredients: 'tomato,cheese',
    excludeIngredients: 'eggs',
    type: 'main course',
    instructionsRequired: 'true',
    fillIngredients: 'false',
    addRecipeInformation: 'false',
    titleMatch: 'Crock Pot',
    maxReadyTime: '20',
    ignoreSentry: 'true',
    sort: 'calories',
    sortDirection: 'asc',
  },
};

const response = await axios.get('https://spoonacular-recipe-food-nutrition-v1.p.rapidapi.com/recipes/complexSearch', {
  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',
    fillIngredients: 'false',
    addRecipeInformation: 'false',
    titleMatch: 'Crock Pot',
    maxReadyTime: '20',
    ignoreSentry: 'true',
    sort: 'calories',
    sortDirection: 'asc',
  },
});
```