

Sprint 3 - Task 8

Date	15 October 2022
Team ID	PNT2022TMID33204
Project Name	AI-Based Food Analyzer for fitness Enthusiasts

Building Prediction Pages

We have built codes for Result pages in HTML and Used API From Rapid API Website.

We used Ninja Code API for Reference and get Natural language API to extract nutrition data from any text

The screenshot shows the RapidAPI interface for the CalorieNinjas API. The header includes the RapidAPI logo, a search bar, and a 'My Orgs' link. The main section features the CalorieNinjas logo, a 'FREE' badge, and the text 'By CalorieNinjas Team | Updated a year ago | Food'. Below this are tabs for 'Endpoints', 'About', 'Tutorials', and 'Discussions'. The 'Endpoints' tab is active, displaying the 'CalorieNinjas API Documentation' with the description 'Natural language API to extract nutrition data from any text'. A search bar for endpoints is present. The selected endpoint is 'GET Text Nutrition', with a 'Test Endpoint' button. The description for this endpoint is 'Extracts list of food and drink nutrition information from a string of input text.' Below the description is a link to 'CalorieNinjas API Documentation'. At the bottom, there is a dropdown menu for 'Personal Account' (Azhagan S) and a dropdown for 'RapidAPI App' (default-application_6869660), with a 'REQUIRED' label below the app dropdown.

API Code Result

```
import requests

url = "https://calorieninjas.p.rapidapi.com/v1/nutrition"

querystring = {"query":"tomato"}

headers = {
    "X-RapidAPI-Key": "522d6d76c1msha7510e4e0665626p115f00jsn07141bdc7d10",
    "X-RapidAPI-Host": "calorieninjas.p.rapidapi.com"
}

response = requests.request("GET", url, headers=headers, params=querystring)

print(response.text)
```