

Integrate Rapid API Solution Requirements (Functional & Non-functional)

Date	10 November 2022
Team ID	PNT2022TMID24457
Project Name	News Tracker Application
Maximum Marks	4 Marks

Code.py

```
import http.client

conn=http.client.HTTPSConnection("spoonacular-recipe-food-nutrition-v1.p.rapidapi.com")

headers = {

    'X-rapidapi-host': "spoonacular-recipe-food-nutrition-v1.p.rapidapi.com"

    'X-rapidapi-key': "93706b4a26msh70946cd35d92e9bp1ea575jsn75fb7b705b36"

}

conn.request("GET", "/recipes/guessNutrition?title=cereal", headers)

res = conn.getresponse{}

data=res.read{}

print[data.decode{"utf-8"}]
```

RAPID API:

The screenshot displays the RapidAPI Hub website in a web browser. The browser's address bar shows the URL `rapidapi.com/hub`. The page features a blue header with the text "Welcome to the RapidAPI Hub" and "Discover and connect to thousands of APIs". A user profile dropdown menu is visible in the top right corner, showing the name "Harkrishnan31" and the email "harkrishnansrinivasan931@gmail.com", along with links for "Settings", "Saved APIs", "Profile", and "Log Out". Below the header, there are tabs for "Public APIs" and "Private APIs". A sidebar on the left lists categories: "Data", "Sports", "Finance", "Travel", "Entertainment", and "Location". The main content area is titled "Discover More APIs" and includes a subtext "Browse through our collections to learn about new use cases to implement in your app". Below this, there are four featured API collections: "Flight Data APIs", "Free SMS APIs", "Top Translation APIs", and "City Data APIs". The browser's taskbar at the bottom shows the Windows logo, a search bar, and several open applications, including "Integrate rapid API.docx" and "WhatsApp Image...jpeg". The system tray on the right indicates the temperature is 28°C, the weather is "Haze", and the time is 10:35 on 18-11-2022.