

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

<b>Date</b>	10 November 2022
<b>Team ID</b>	PNT2022TMID24457
<b>Project Name</b>	News Tracker Application
<b>Maximum Marks</b>	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.prapidapi.com"

    'X-repidapi-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 interface. At the top, there's a navigation bar with the RapidAPI logo, a search bar, and links for 'My Orgs', 'API Hub', 'My Apps', 'My APIs', and 'Docs'. The main header area has a blue background with the text 'Welcome to the RapidAPI Hub' and 'Discover and connect to thousands of APIs'. Below this, there are tabs for 'Public APIs' and 'Private APIs'. A left sidebar lists various API categories like Data, Sports, Finance, Travel, etc. The main content area is divided into three sections: 'Discover More APIs' with four featured API cards (Flight Data APIs, Free SMS APIs, Top Translation APIs, City Data APIs), 'Recommended APIs' with four cards (Telesign SMS Verify, Telize, Twilio SMS, SendGrid), and 'Popular APIs' with four cards (Recipe - Food - Nutrition, uNoGS, Google Play Store, Trip Purpose Prediction). Each card includes a brief description, a 'Verified' status, and performance metrics like latency and success rate.

**Categories**

- Data
- Sports
- Finance
- Travel
- Entertainment
- Location
- Science
- Food
- Transportation
- Music
- Business
- Visual Recognition
- Tools
- Text Analysis
- Weather
- Gaming
- SMS
- Events
- Health and Fitness
- Payments
- [View All Categories](#)

**Welcome to the RapidAPI Hub**  
Discover and connect to thousands of APIs

**Public APIs** **Private APIs**

**Discover More APIs**  
Browse through our collections to learn about new use cases to implement in your app

- Flight Data APIs**
- Free SMS APIs**
- Top Translation APIs**
- City Data APIs**

**Recommended APIs**  
APIs curated by RapidAPI and recommended based on functionality offered, performance, and support. [View All](#)

- Telesign SMS Verify**  
Delivers patented phone-based verification and two-factor authentication using a time-based, one-time  
Verified ✓ Official  
⌚ 9.1 ⌚ 1127 ms ✓ 100%
- Telize**  
Telize offers a JSON IP and GeoIP REST API allowing to get a visitor IP address and to query location  
Verified ✓ Official  
⌚ 9.8 ⌚ 96 ms ✓ 100%
- Twilio SMS**  
Twilio's Programmable SMS API helps you add robust messaging capabilities to your applications. Please  
Verified ✓ Official  
⌚ 9 ⌚ 16,092 ms ✓ 75%
- SendGrid**  
Welcome to SendGrid's Web API v3! This API is RESTful, fully featured, and easy to integrate with.  
Verified ✓ Official  
⌚ 9.4 ⌚ 220 ms ✓ 100%

**Popular APIs**  
APIs that are popular and frequently used on RapidAPI. [View All](#)

- Recipe - Food - Nutrition**  
The spoonacular Nutrition,
- uNoGS**  
uNoGS (unofficial Netflix online Global Search)
- Google Play Store**  
See up to date reviews, ratings and rankings for
- Trip Purpose Prediction**  
Understand the reason for a trip with Amadeus AI