

# INDIWEATHER WEBSITE

Prepared & Presented by Perin Modi



# INTRODUCTION

**Name:Perin Tejaskumar Modi**

**Roll No.:10**

**Enrll no.:21002171210083**

**Batch:B1**

**Branch:CSE**



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# TECHNOLOGIES USED

- HTML/CSS/JS
- RestApi
- Async/Await
- Promises
- Chart.js
- Filter and ForEach Loop
- append Child

# ABOUT INDIWEATHER

Indiweather is a website that gives accurate weather information based on the city name provided. It also gives the suggestion of countries of those we have predefined data available. We have also executed the feature of providing the future 10 days Graph prediction Based on YahooAPI



# WHAT IS API??

Now to understand the functioning of website it is important to learn about the API(Application program Interface)

Here the word Application refers to any software with a distinct function. This contract defines how the two communicate with each other using requests and responses.

Interface can be thought of as a contract of service between two applications.

Thus with some link/key/interface two things communicate to share, receive, update the things

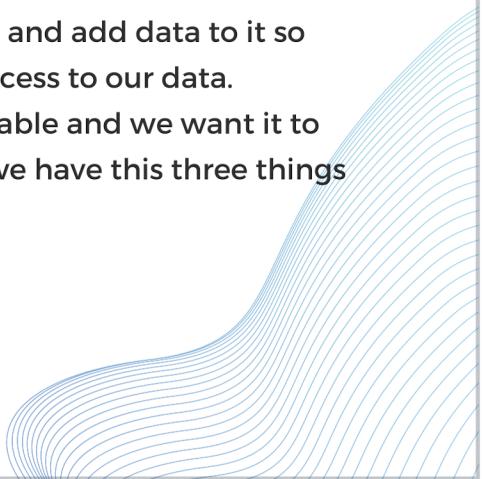
And today's world API are the most significantly used in every prospect.

# ABOUT RAPIDAPI

RapiAPI is the website in which API's are created and sell.

If we have large amount of data so we can register our API and add data to it so whomsoever wants he actually can use our API and get access to our data.

Now here aspects of privacy comes so If data is much valuable and we want it to be paid so we can add headers, and authentication key if we have this three things than and than only we have access to the Data.



# HOW INDIWEATHER WORKS

At first you need to enter the city that you want to search here the interesting feature of our website is that we give them all suggestion of cities that currently we have and based on that user can click over to that city.

After than we fetch the data from the Yahoo weather API. and fir that we actually made the request to the RapidApi it than checks our authentication if it's perfect and it response us with the data in the form of JSON and after than we can use whenever we want.

Here I have also implemeted the chart that give us the comparison of weather of comming 10 dyas

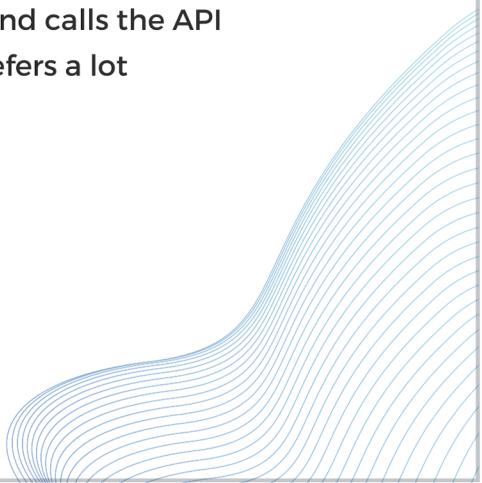
# ADVANTAGES

- API's are light weight so that we can get the data in the very mean time
- We don't need to request continuously to get new data
- wide range of countries covered in these
- comparison between comming 10 days so that we can prepare ourself to the best



# DISADVANTAGES

- As for new countries we need to again fetch the data and calls the API
- Unavailability of free resources and its Accuracy also defers a lot



# THANK YOU!!

