**WEATHER BOT ASSIGNMENT**

**API’s Used**

This Bot will tell the user the current weather of any city in the world. There are two main apis that are being used in this project:

1. IBM Watson api – This api is used to leverage the usage of Watson assistant which is used to analyze the text according to the intents and the dialogue set on the IBM cloud by us. In this project I have used this to reply user to some basic chatting like ‘Hi’, ‘Hello’, ‘How are you’ and majorly to take the names of the city from the message.

To know the Weather of the city, the user has to type ‘weather of city’ for example, ‘Can you tell me the weather of Boston’ or ‘What is the weather in Boston’, Weather word should be there in the sentence.

2. Open Weather Api – This has been used in this project to give the weather details of a particular city a user wants to know.

**Flow of the project / Architecture**

First the user has to go the particular url to use the chat bot, after going there, the user can send the message. This message will go to the Watson api to check for the text and the response of the Watson api will be the input to the Weather api and weather related response will be generated by weather api.

Response

Response if Message not related to weather

**The Technologies Used**

Backend implementation – Node js

Front End implementation – HTML, CSS, JS, Axios for ajax