Webex Developer - Weather Chat Bot

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1 General Description

The Cisco Webex bot has been constructed according to the instructions given within the Cisco Engineering Incubator 9.0. The bot is designed to print the weather in different ways, as will be highlighted in the next section.

Tools used:

1. Cisco Developer Bot API - for the registration of the bot within the Webex environment

2. ngrok - tunneling requests

3. flask - bind bot functions to the specific URL – public HTTPS URL created using ngrok

4. OpenWeatherMap API - used for weather

5. ip-api - maps IP address to specific geographical location
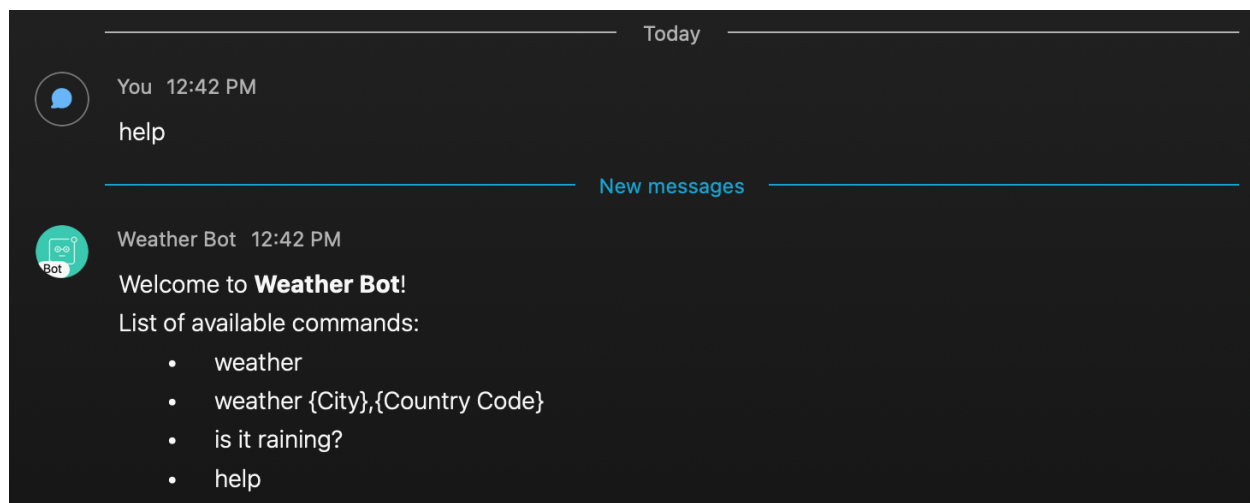
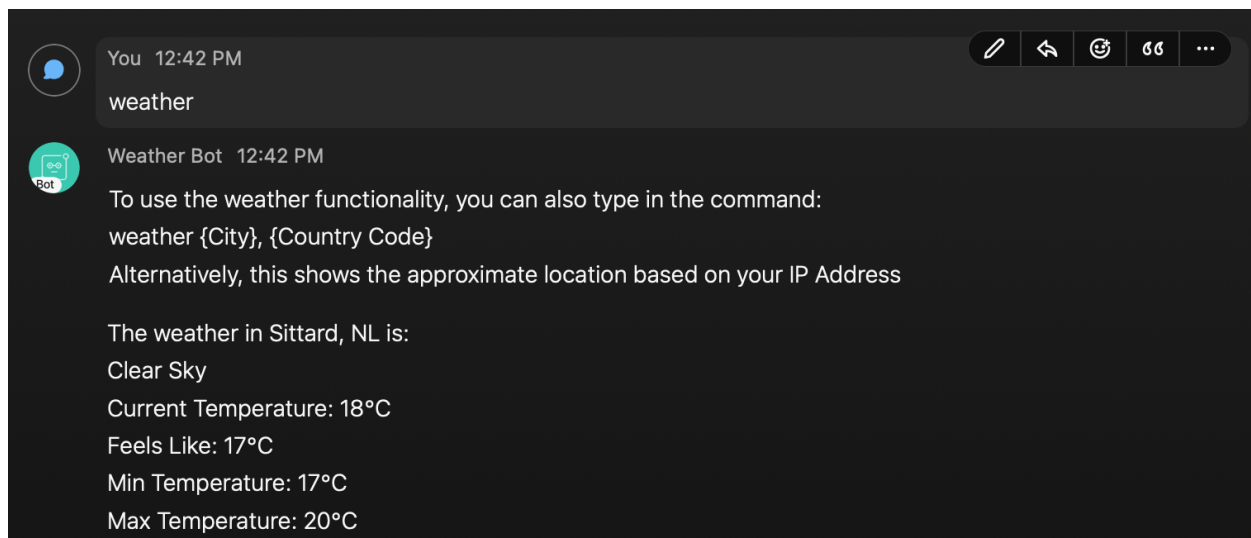## 2 Usage

Figure 1: UML Class Diagram

You 12:42 PM
weather
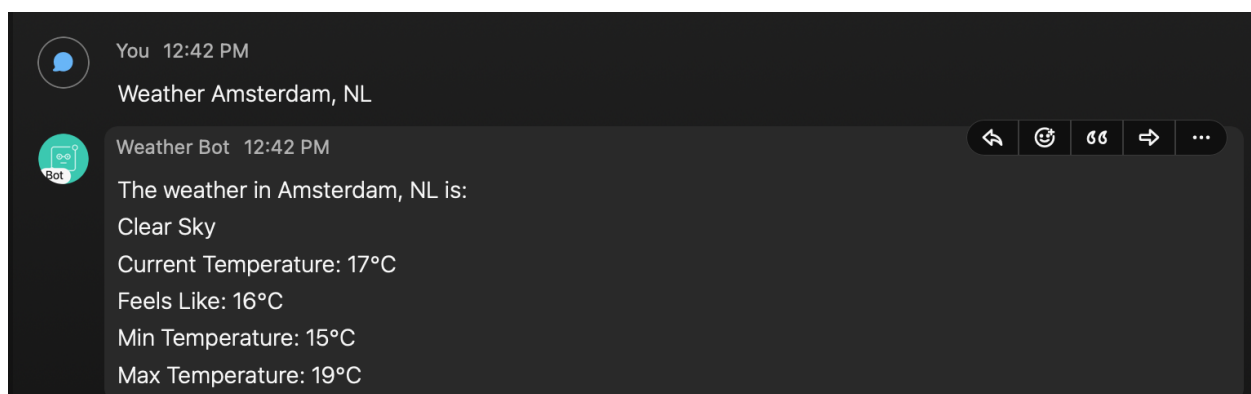
Weather Bot 12:42 PM

To use the weather functionality, you can also type in the command:
weather {City}, {Country Code}
Alternatively, this shows the approximate location based on your IP Address

The weather in Sittard, NL is:
Clear Sky
Current Temperature: 18°C
Feels Like: 17°C
Min Temperature: 17°C
Max Temperature: 20°C

Figure 2: UML Class Diagram

You 12:42 PM
Weather Amsterdam, NL

Weather Bot 12:42 PM
The weather in Amsterdam, NL is:
Clear Sky
Current Temperature: 17°C
Feels Like: 16°C
Min Temperature: 15°C
Max Temperature: 19°C

Figure 3: UML Class Diagram

You 12:42 PM
Is it raining

Weather Bot 12:42 PM
No :)

Figure 4: UML Class Diagram