

# Dialogflow CX Case

## Case:

Build a weather bot. This bot should ask the user when and where they would like to know the weather. Using this information acquire high and low temperatures for the given date and location via an API of your choosing and present this information to the user.

## Requirements

- Use [Dialogflow CX](#) to build the conversation of your chatbot. For this, you will be given access to a sandbox environment of Dialogflow CX. If you have not received a request for this please contact us.
- Dynamic slot filling: Do not assume the user will always provide the **date** and **location**.
  - If a user provides both don't ask for the information again
  - If the user provides one but not the other only ask for the missing information
- Build a single API endpoint in Python which can receive a request from Dialogflow and sends the high and low temperatures back to Dialogflow. There are different open weather APIs. Feel free to choose any of these(See [Dialogflow CX Webhook](#)).
  - If you have never worked with an API see the following article for guidance

[Fastapi](#)

## Evaluation

The goal of this case is to evaluate your skills and knowledge. In this case, you are tasked to build a chatbot that meets the business requirements set in the **Requirements** section. If you are unable to finish the complete solution just send us what you are able to complete. This includes:

- Incomplete Python code
- Solution design

If anything is unclear please let us know. Good luck!