# Webex Chatbot Lab

## Introduction

Welcome to the Webex Chatbot Lab! In this lab, you will create a simple chatbot using the Webex API. You will start with a starter file that provides basic functionality, and your task will be to extend it by adding new commands.

## Prerequisites

Before you begin, make sure you have the following: - Basic knowledge of Python programming language - Familiarity with Flask framework - A Webex account and access to the Webex API - Python and Flask installed on your computer

## Installing Dependencies

Before you start working on the lab tasks, you need to install the required Python dependencies. These dependencies are listed in a requirements.txt file. Follow the instructions below to install the dependencies:

1. **Navigate to the Project Directory**: Open a terminal or command prompt and navigate to the directory where your project files are located.
2. **Install Dependencies**: Run the following command to install the dependencies using pip:

pip install -r requirements.txt

## Lab Tasks

Your main task is to extend the functionality of the chatbot by adding new commands. You can refer to the provided functions and existing commands as examples.

### Task 1: Add Command to Send Cat Images

Your first task is to add a command that allows the chatbot to send cat images to users. You can use the [Cataas API](https://cataas.com/cat) to fetch cat images. With this simple script you can save the image as a png:

r = requests.get("https://cataas.com/cat")  
with open("out.png", "wb") as f:  
 f.write(r.content)

Use [this article](https://developer.webex.com/docs/basics), to understand how to send attachments to a Webex message. ### Task 2: Add More Commands (Optional) If you finish Task 1 quickly and want to further enhance your chatbot, you can add more commands of your choice. For example, you can add commands to fetch jokes, weather updates, or news articles.