

Project Development Phase

Sprint 2

Text to Speech

Date	04 November 2022
Team Id	PNT2022TMID23634
Project Name	IOT Based Smart Crop Protection System forAgriculture
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```
from ibm_watson import TextToSpeechV1

from ibm_cloud_sdk_core.authenticators import IAMAuthenticator

import playsound

authenticator = IAMAuthenticator('v9n8Zn4r5VpcMVz_HyRYODrSI3jSzph2IEFioVj4-vmT')

text_to_speech = TextToSpeechV1(

    authenticator=authenticator

)

text_to_speech.set_service_url('https://api.eu-gb.text-to-speech.watson.cloud.ibm')

with open('alert.mp3', 'wb') as audio_file:

    audio_file.write(

        text_to_speech.synthesize(

            'Alert! Alert! Animal Detected.',
```

```
voice='en-US_ALLisonV3Voice',  
accept='audio/mp3'  
).get_result().content)  
playsound.playsound('alert.mp3')
```