

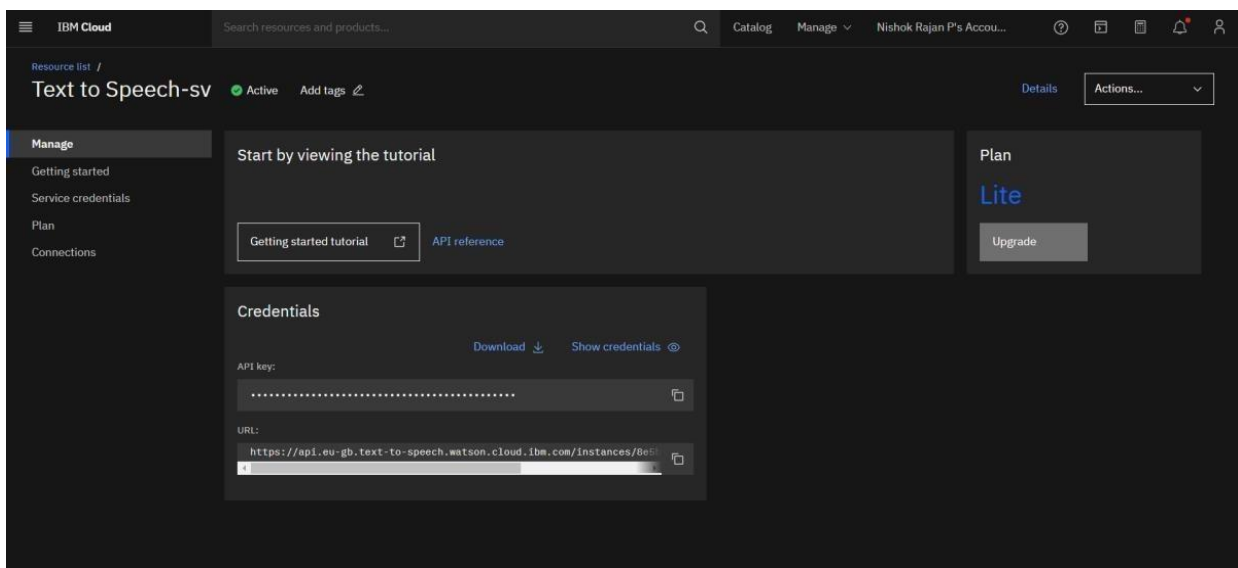
Sprint – 1

Personal Assistance for Seniors Who Are Self-Reliant.

PNT2022TMID36322

Create Text to speech using the IBM Watson Text to Speech credential:

The text to speech service from IBM Watson IOT platform is used to give voice commands to the user. This feature is implemented using PYTHON IDE .It is connected to the IBM cloud and when command arrives it converts the medicine name that was sent into speech so as to give command to the user.



Code:

```
from ibm_watson import TextToSpeechV1
from ibm_cloud_sdk_core.authenticators import IAMAuthenticator
url = "https://api.eu-gb.text-to-speech.watson.cloud.ibm.com/instances/8e5bc662-02f5-4cc3-b2a3-27086673e789"
api = "QGXBVq1lTgSFNn8_7wpT1kGVYIKCHG8NLfHnG1BBXNwj"
auth = IAMAuthenticator(api)
tts = TextToSpeechV1(authenticator=auth)
tts.set_service_url(url)
a = {"command":["Dart", "Paracetamol", "Dolo-650"]}
instruction = "Please Take following Medicine."
for i in a["command"]:
    instruction+=i
    instruction+=" "
with open("./speech.mp3", "wb") as audio_file:
    res = tts.synthesize(instruction, accept = "audio/mp3", voice = 'en-us-AllisonV3Voice').get_result()
    audio_file.write(res.content)
```