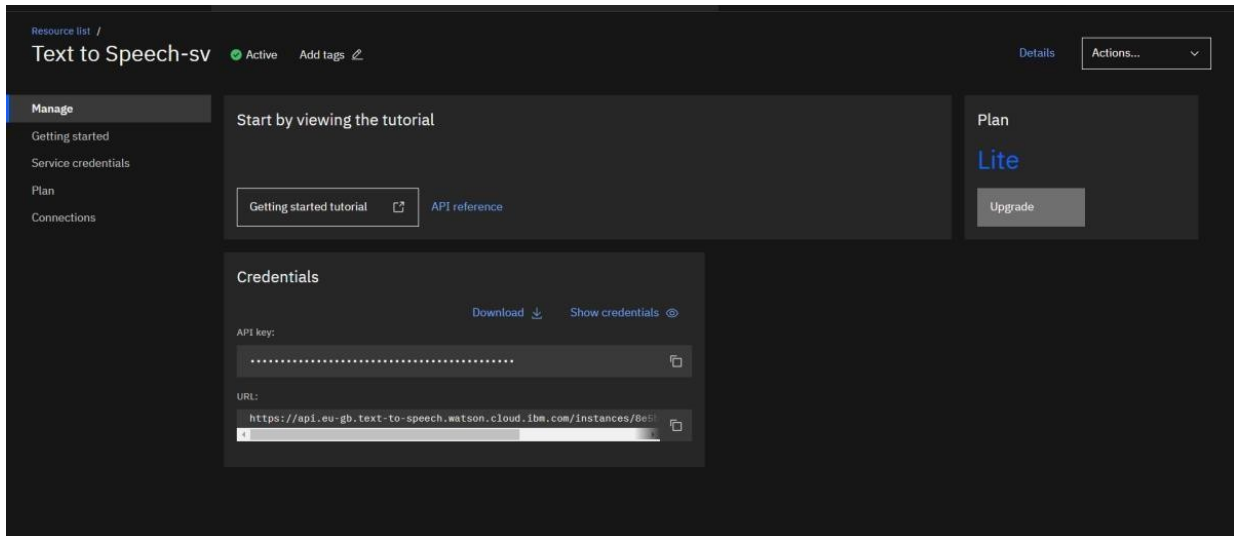


SPRINT - 4

Date	11 October 2022
Team ID	PNT2022TMID45231
Project Name	Personal Assistance for Seniors Who Are Self-Reliant.

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



Code:

```
Go Run Terminal Help tts.py - Untitled (Workspace) - Visual Studio Code
! device.yaml iot.py device.py speech.mp3 akash.py tts.py x device.txt
Project > tts.py > ...
1 from ibm_watson import TextToSpeechV1
2 from ibm_cloud_sdk_core.authenticators import IAMAuthenticator
3 url="https://api.eu-gb.text-to-speech.watson.cloud.ibm.com/instances/8e5bc662-02f5-4cc3-b2a3-27086673e789"
4 api="QGxbVq1lrgSFnn8_7wp1kGVYIKCHGBNLfHnC1BBXNwj"
5 auth=IAMAuthenticator(api)
6 tts=TextToSpeechV1(authenticator=auth)
7 tts.set_service_url(url)
8 a={"command":["Dart","Paracetamol","Dolo 650"]}
9 instruction="Please Take following Medicine. "
10 for i in a["command"]:
11     instruction+=i
12     instruction+=" "
13 with open("./speech.mp3","wb") as audio_file:
14     res=tts.synthesize(instruction,accept="audio/mp3",voice="en-US_AllisonV3Voice").get_result()
15     audio_file.write(res.content)
```

```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/powershell

PS D:\Project> python -u "D:\Project\device.py"
2022-11-16 22:21:14,460 ibmiotf.device.Client INFO Connected successfully: d:hghll:123:abcd
2022-11-16 22:24:18,619 ibmiotf.device.Client ERROR Unexpected disconnect from the IBM Watson IoT Platform: 16
2022-11-16 22:24:18,699 ibmiotf.device.Client ERROR Unexpected disconnect from the IBM Watson IoT Platform: 16
2022-11-16 22:24:20,919 ibmiotf.device.Client INFO Connected successfully: d:hghll:123:abcd
```