

PROJECT DEVELOPMENT PHASE- SPRINT 4

Team ID	PNT2022TMID24841
Project Name	Personal Assistance for Seniors Who Are Self-reliant

Text to speech service

Creating text to speech service

```
Go Run Terminal Help
tts.py - Untitled (Workspace) - Visual Studio Code
device.yaml  IoT.py  device.py  speech.mp3  akash.py  tts.py  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="QGSDVq1lTgSFm8_7wp1KGVYIKCHG8NLfHnC1BBXWwJ"
5 auth=IAMAuthenticator(api)
6 tts=TextToSpeechV1(authenticator=auth)
7 tts.set_service_url(url)
8 a=["command":["Dart","Paracitamol","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)
```

PROBLEMS OUTPUT DEBUG CONSOLE **TERMINAL** JUPYTER

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:hg0hll:123:abcd
2022-11-16 22:24:18,639 ibmiotf.device.Client ERROR Unexpected disconnect from the IBM Watson IoT Platform: 16
2022-11-16 22:24:19,699 ibmiotf.device.Client ERROR Unexpected disconnect from the IBM Watson IoT Platform: 16
2022-11-16 22:24:20,819 ibmiotf.device.Client INFO Connected successfully: d:henbl1:73a:abc
```

