

PROJECT TITLE	Personal Assistance for Seniors Who Are Self-Reliant
TEAM ID	PNT2022TMID48664
TITLE	Create Text to Speech Service
Date	10 November 2022

CREATE & CONFIGURE IBM CLOUD SERVICE

CREATE THE TEXT-TO-SPEECH SERVICE

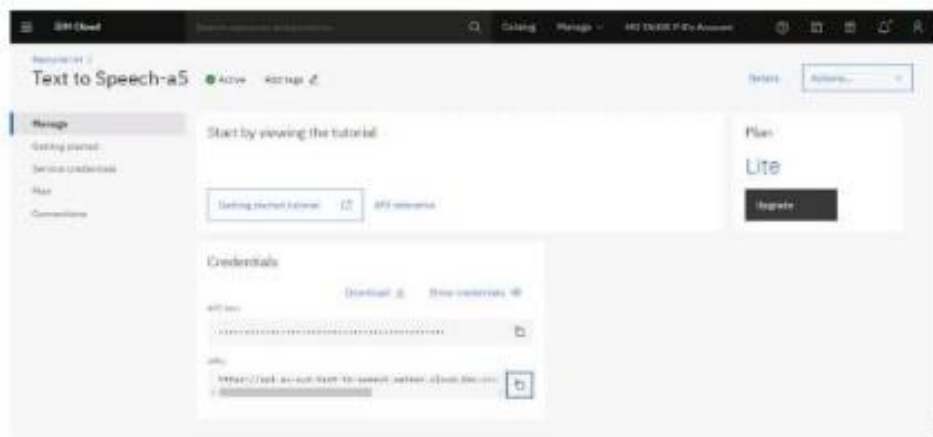
Installation of Watson-TTS Client library Provided for Python:

Code:

Pip install -upgrade"ibm-watson">=6.1.0"

```
C:\Users\HICD>pip install --upgrade "ibm-watson>=6.1.0"
Requirement already satisfied: ibm-watson>=6.1.0 in c:\users\hicut\appdata\local\programs\python\python39\lib\site-packages (6.1.0)
Requirement already satisfied: websocket-client>=1.1.0 in c:\users\hicut\appdata\local\programs\python\python39\lib\site-packages (from ibm-watson>=6.1.0) (1.1.0)
Requirement already satisfied: requests>3.4.0, <4.0 in c:\users\hicut\appdata\local\programs\python\python39\lib\site-packages (from ibm-watson>=6.1.0) (2.18.1)
Requirement already satisfied: ibm-cloud-sdk-core>=1.0.1.0, <2.0.0 in c:\users\hicut\appdata\local\programs\python\python39\lib\site-packages (from ibm-watson>=6.1.0) (1.1.0.0)
Requirement already satisfied: python-dateutil>=2.5.1 in c:\users\hicut\appdata\local\programs\python\python39\lib\site-packages (from ibm-watson>=6.1.0) (2.5.1)
Requirement already satisfied: urllib3<2.0.0, >1.25.8 in c:\users\hicut\appdata\local\programs\python\python39\lib\site-packages (from ibm-cloud-sdk-core>=1.0.1.0, <2.0.0) (1.26.12)
Requirement already satisfied: PyJWT<2.0.0, >2.0.0 in c:\users\hicut\appdata\local\programs\python\python39\lib\site-packages (from ibm-cloud-sdk-core>=1.0.1.0, <2.0.0) (2.5.0)
Requirement already satisfied: ciso-1.5 in c:\users\hicut\appdata\local\programs\python\python39\lib\site-packages (from python-dateutil>=2.5.1) (1.0.0)
Requirement already satisfied: certifi>=2017.4.17 in c:\users\hicut\appdata\local\programs\python\python39\lib\site-packages (from requests>3.4.0, <4.0) (2021.5.24)
Requirement already satisfied: idna>=2.5 in c:\users\hicut\appdata\local\programs\python\python39\lib\site-packages (from requests>3.4.0, <4.0) (2.8)
Requirement already satisfied: charset-normalizer<3, >2 in c:\users\hicut\appdata\local\programs\python\python39\lib\site-packages (from requests>3.4.0, <4.0) (2.1.1)
WARNING: You are using pip version 21.2.4, however, version 22.1 is available.
You should consider upgrading via the 'C:\Users\HICD\AppData\Local\Programs\Python\Python39.exe -m pip install --upgrade pip' command.
```

Service Creation Status & Credential Details:



STATUS : ACTIVE

Execution & Test Run of Program to Access TTS:

[illegible]

RESULT : SUCCESSFULLY CREATED

Text one new line ;

The screenshot displays the IBM Watson Text to Speech demo interface. The main content area features a text input field containing the sentence "But this is slightly more going to turn this text into a speech". Below the input field, there are two sliders: "Adjust speed" set to 0.7x and "Adjust pitch" set to 98%, followed by a "Play voice" button. The interface is titled "Watson Text to Speech Voices" and "Listen to voices across languages and accents". On the right side, a "DEVELOPER" sidebar is visible, showing a console with a table of audio files and a "Console" tab.

Name	Size	Type	Format	Size	Time	Download
store	200	chr	store100	1.1	0.16	
store	200	chr	store100	1.1	0.16	
store	200	chr	store100	1.1	0.16	
store	200	chr	store100	1.1	0.16	
store	200	chr	store100	1.1	0.16	

RESULT: Successfully Played