PROJECT DEVELOPMENT PHASE

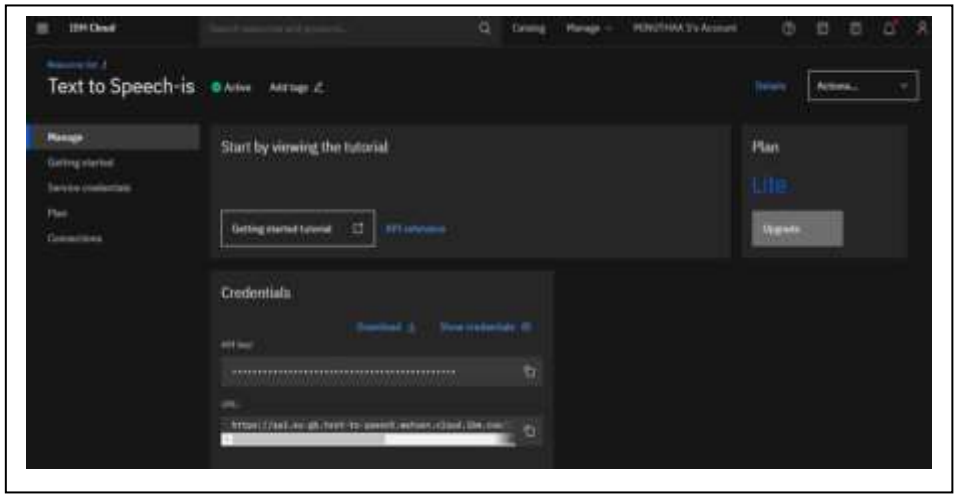
SPRINT 3

CREATING TEXT TO SPEECH SERVICE

TEAM ID	PNT2022TMID39429
PROJECT TITLE	PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF RELIANT

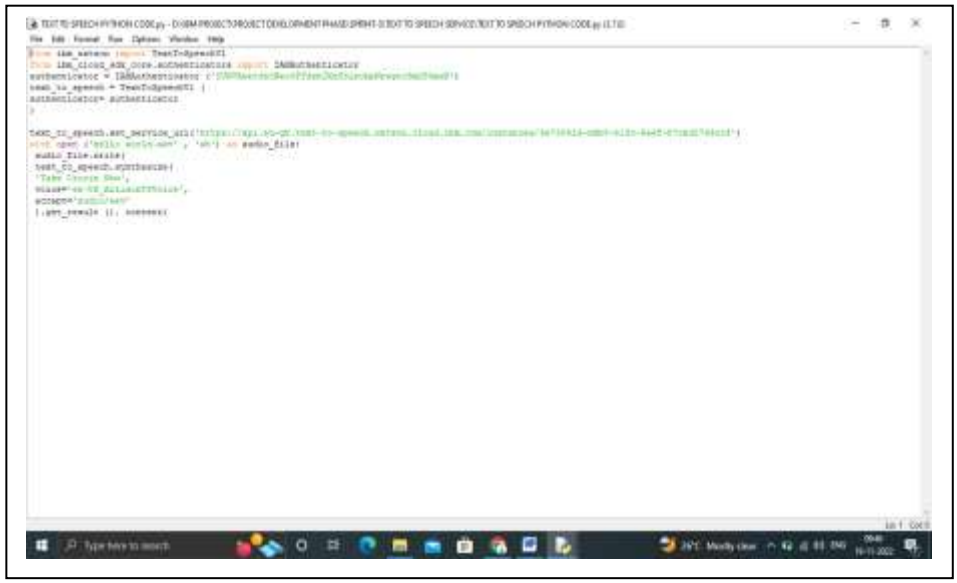
STEP 1 :

TEXT TO SPEECH CREATION



STEP 2:

EXECUTION OF THE PROGRAM FOR TTS



Code: [TEXT TO SPEECH]

```
from ibm_watson import TextToSpeechVl

from ibm_cloud_sdk_core.authenticators import IAHAuthenticator

authenticator = IAMAuthenticator
('IUNVXwet0b0Nec0PTdshIXnUSibobpNrwgtoSm2F6muK')

text_to_speech = TextToSpeechV1 (

authenticator= authenticator

)

text_to_speech.set_service_url('https://api.eu-gb.text-to-
speech.watson.cloud.ibm.com/instances/9e73091d-ddb0-413c-9a6f-
87cbd2769cc4')

with open ('hello world.wav' , 'wb') as audio_file:

 audio_file.write(

 text_to_speech.synthesize(

 'Take Crocin Now',

 voice='en-US_AllisonV3Voice',

 accept='audio/wav'

 ).get_result (). content)
```