Sprint-4
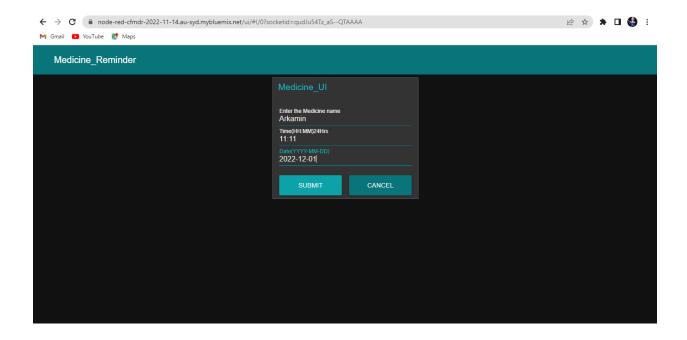
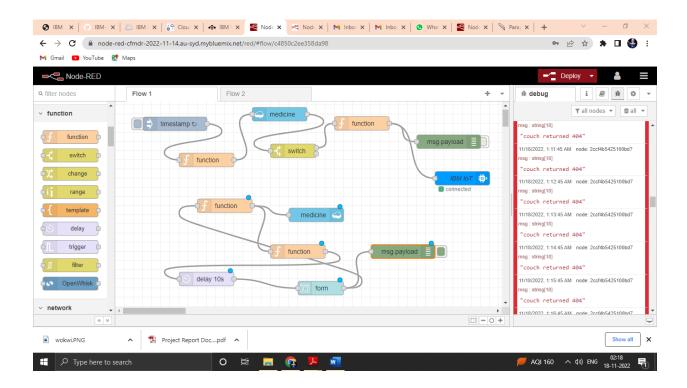| Date	14 November 2022
Team ID	PNT2022TMID52309
Project Name	Personal Assistance For Seniors Who Are Self-Reliant

Task:

To create a Web UI, make the user interact with the software.

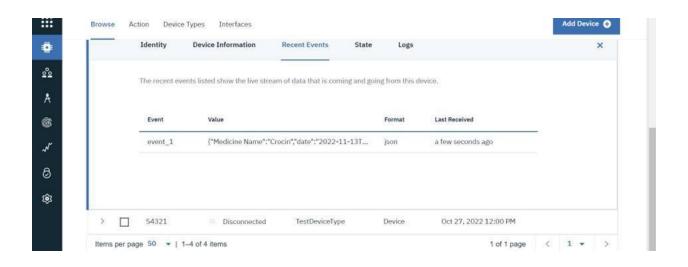The Web UI, which allows users to interact with the software, is shown in the screenshots that are provided below.
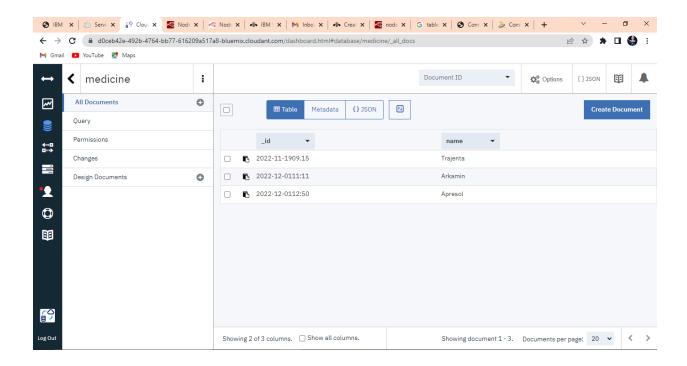
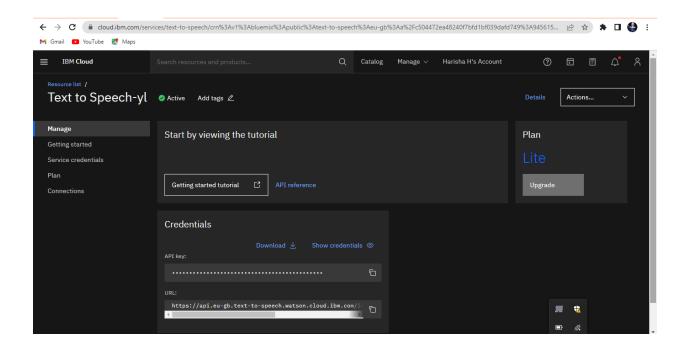## 1. User Medication details

2.Node Red Flow

3.IBM IoT Device

4.Cloudant DB

5.TTS Service

Python Script

```
File  Edit  Format  Run  Options  Window  Help

from ibm_watson import TextToSpeechV1
from ibm_cloud_sdk_core.authenticators import IAMAuthenticator
from playsound import playsound
authenticator = IAMAuthenticator('97f228C6Ec0YbfJrxCB7YW690uPadxJOjbuA0DBK8xFh')
text_to_speech = TextToSpeechV1(
    authenticator=authenticator
)

text_to_speech.set_service_url('https://api.eu-gb.text-to-speech.watson.cloud.ib

with open('med.mp3', 'wb') as audio_file:
    audio_file.write(
        text_to_speech.synthesize(
            'Take Crocin 50 mg Now',
            voice='en-US_AllisonV3Voice',
            accept='audio/wav'
        ).get_result().content)
print("playing")
playsound('med.mp3')
```

Voice Command