Date	15 November 2022
Team ID	PNT2022TMID14815
Project Name	PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF-RELIANT

Developed - Python Script :

```python
import time
import sys
import ibmiotf.application
import ibmiotf.device
import random

from ibm_watson import TextToSpeechV1
from ibm_cloud_sdk_core.authenticators import IAMAuthenticator

#Providing IBM Watson Device Credentials
organization = "jzllk0"
deviceType = "PASWASR"
deviceId = "PASWASR"
authMethod = "token"
authToken = "ebilacranibav"


authenticator = IAMAuthenticator('ybW5L7XKtrYn47GWjKNo2vG3teltpl9bc6LeHh0bV2S3')
text_to_speech = TextToSpeechV1(
    authenticator=authenticator
)

text_to_speech.set_service_url('https://api.au-syd.text-to-speech.watson.cloud.ibm.com/instances/98528c16-2a4f-414e-ba24-64d3472d69d8')

with open('PASWASR.wav', 'wb') as audio_file:
    audio_file.write(
        text_to_speech.synthesize(
            'Just a sample audio file for the TTS service going to be created for our project !',
            voice='en-US_AllisonV3Voice',
            accept='audio/wav'
        ).get_result().content)
```
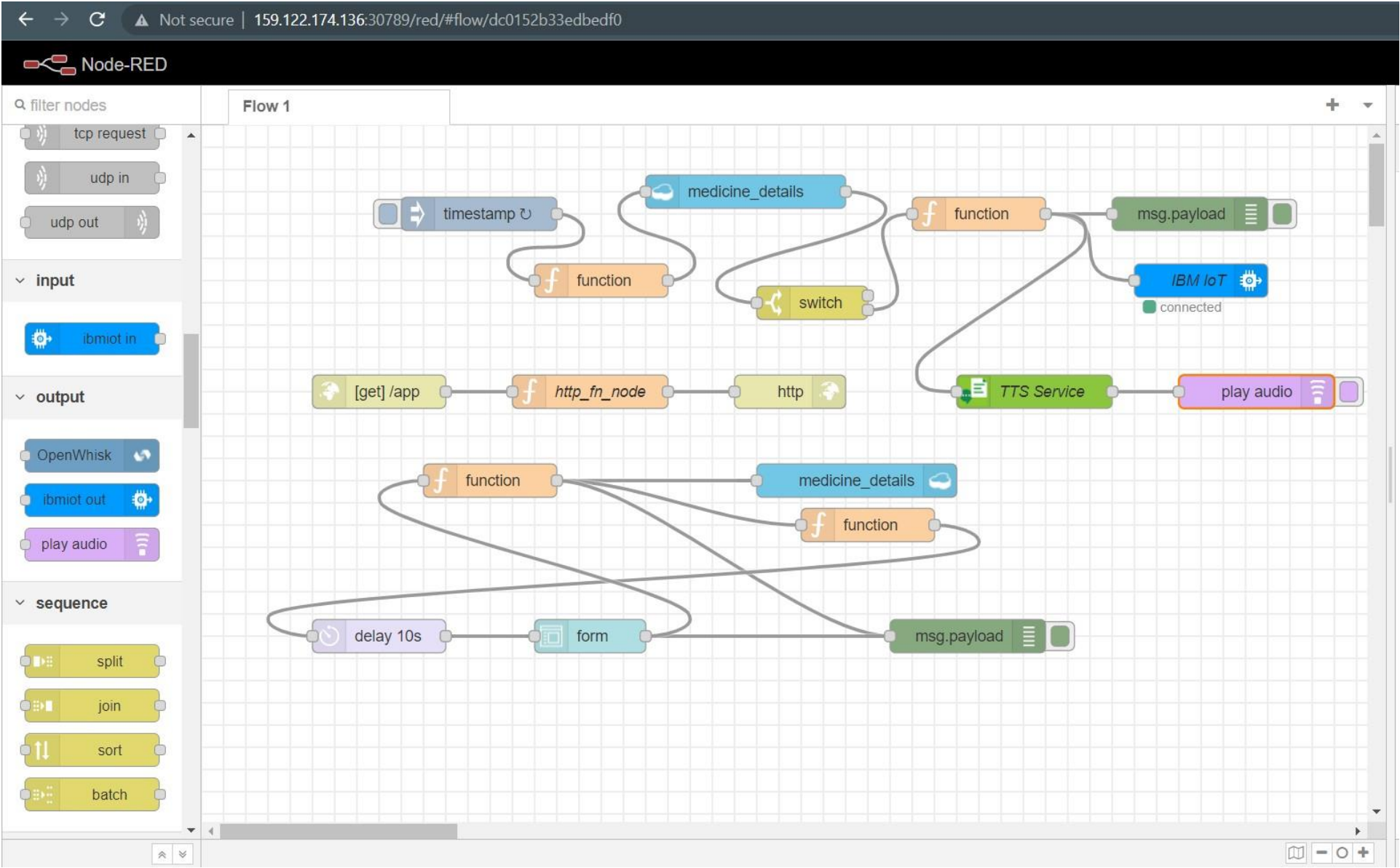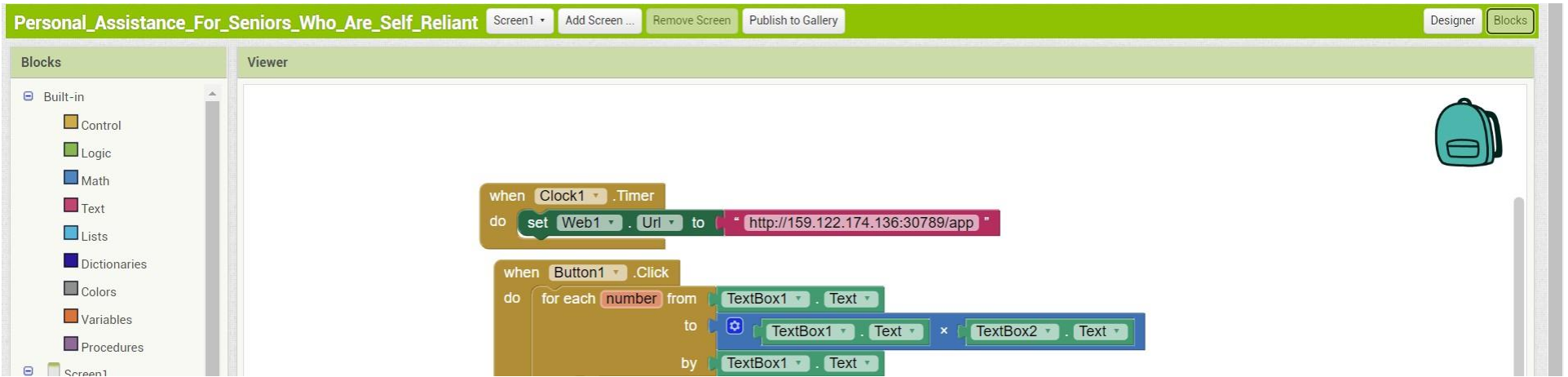
(The Source Code Of Python Script)

```
C:\Windows\System32\cmd.exe

Microsoft Windows [Version 10.0.22000.1219]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Admin\Downloads>python Python_Script_IBM_IOT.py

C:\Users\Admin\Downloads>
```

(The Module Runs Successfully)

(IBM IoT Device Which Was Created Gets Connected Through The Script Developed)

➔ Even That Sample TTS Audio File Is Now Available Locally..

MIT-APP (Alternative For Web UI) :

(We Have An App For Users To View And Connected Node-red UI Nodes)

(Http Nodes Used For Connecting With the MIT App created..!)

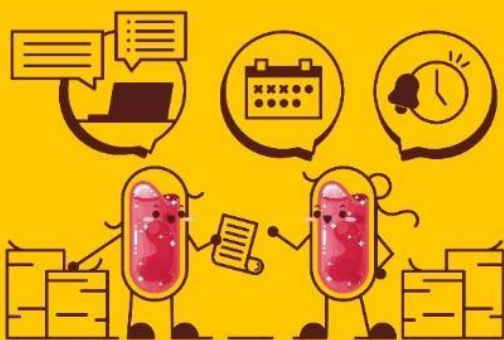(The http link connection in the block..)

APP Working Demo (App-Name :- PASWASR) :

(Scan This "QR CODE" To Get The App)
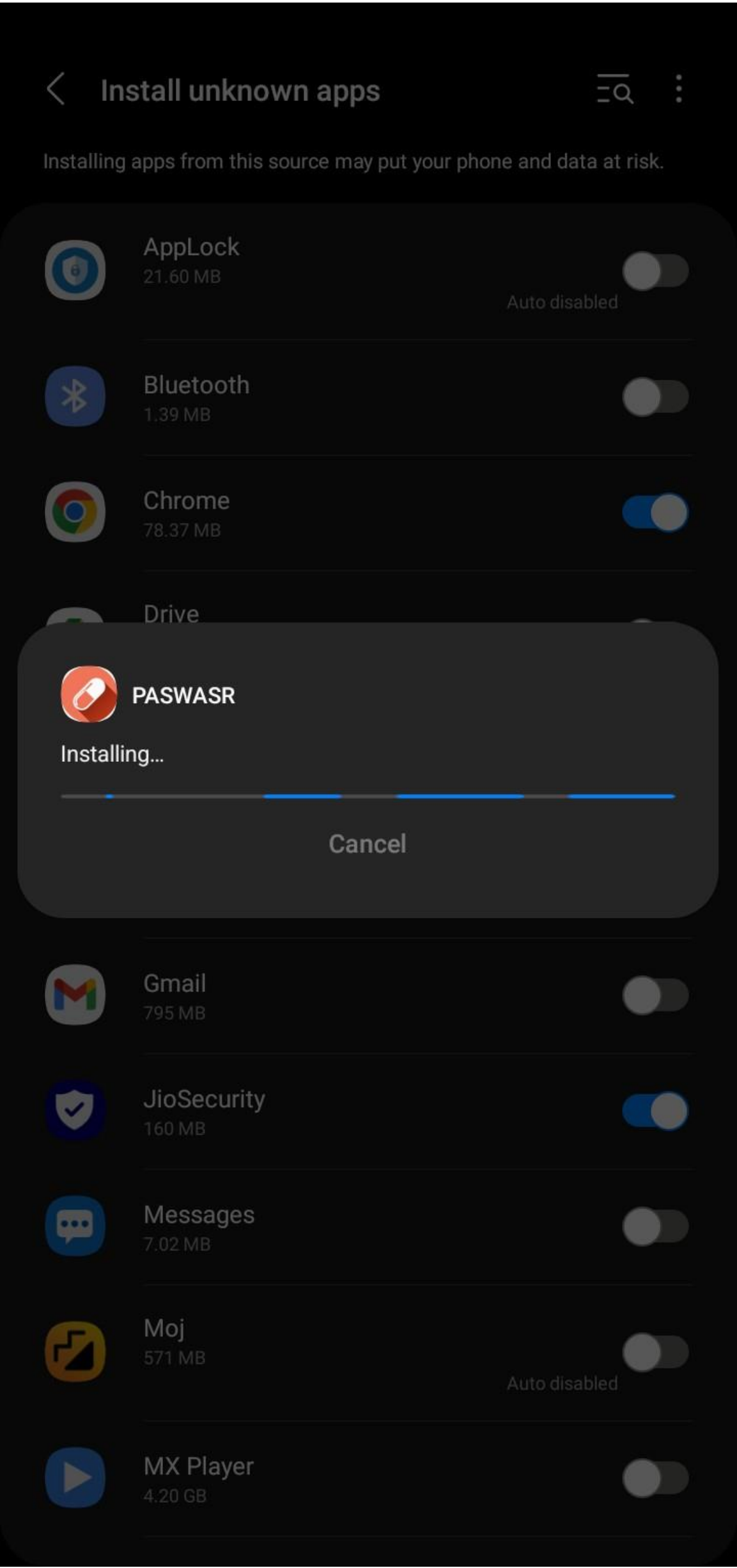
(Install – Icon)

Set Hour..

Repeat Alarm..

Enter Medicine Name..

SET REMAINDER !

2:35
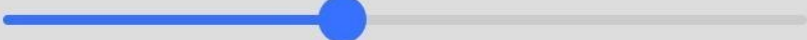
Fri, Nov 18

Used 323MB today and 8.83GB this month ›

Clock

Upcoming alarm

Fri 3:35 PM - Dolomax

Dismiss

Manage   Clear all

(Alarm Is Set !)