

TEAM ID	PNT2022TMID27689
PROJECT NAME	Personal Assistance for Seniors Who Are Self-Reliant

TASK:

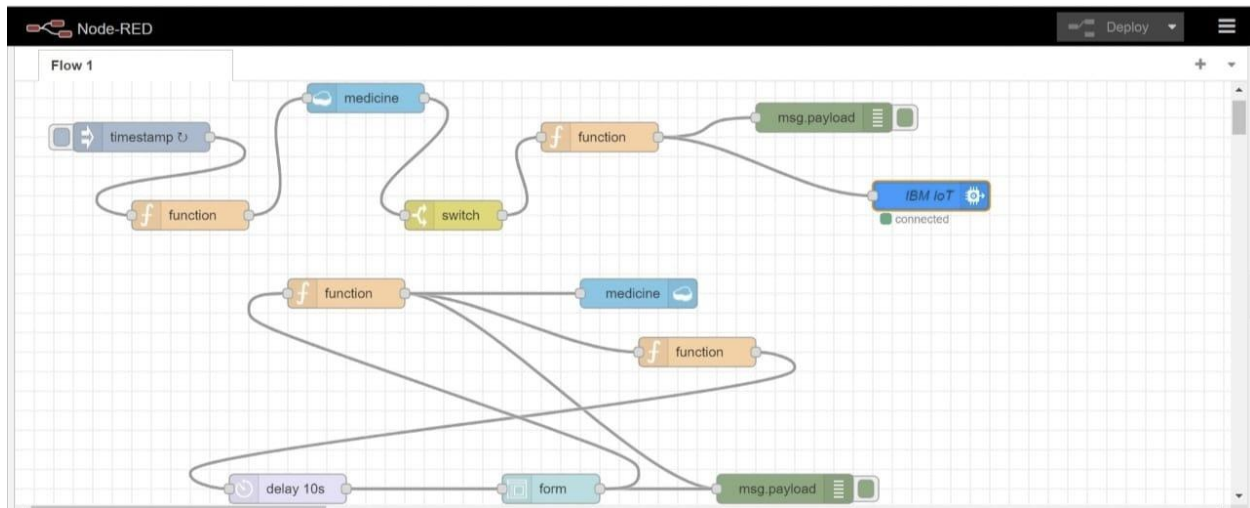
To create a web UI, make a user interact with software.

1.USER MEDICINE DETAILS FORM:

The screenshot displays a web browser window with a 'Default' form. The form contains three input fields: 'Enter the Medicine name' with the value 'dolo650', 'Time(HH-MM)24Hours' with the value '7.45pm', and 'Date(YYYY-MM-DD)' with the value '2022-11-19'. Below the input fields are two buttons: 'SUBMIT' and 'CANCEL'. The browser's address bar shows a 'Not secure' warning and the URL '159.122.183.4:32079/ui/#/I/0?socketid=gRtfOs9nfbxEV2eAAAH'. The Windows taskbar at the bottom shows the search bar, taskbar icons, and system tray with temperature 30°C and date 16-11-2022.

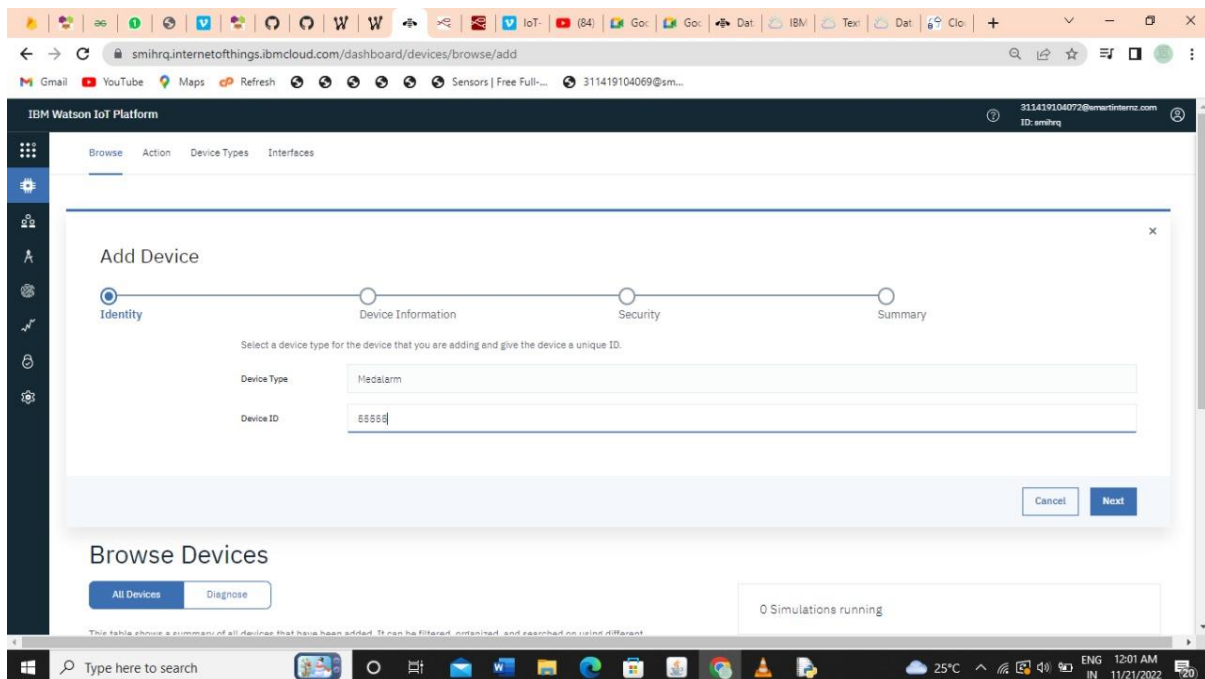
- Here user will able to set the medicine alarm with, medicine name, data and time.

2. NODE RED WORKFLOW:



- Using Node RED flow editor, all the workflow of our web app was designed.
- The above screenshot are be Node RED flow of medicine registration page of web app.

3. IBM IOT DEVICE:



The screenshot shows the IBM Watson IoT Platform dashboard. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A table lists devices with columns for ID, Status, Type, Name, and Last Seen. The device with ID 555555 is highlighted as 'Connected' and of type 'Medalarm'. Below the table, a modal window displays the 'Recent Events' for this device, showing a table with columns for Event, Value, Format, and Last Received. The status bar at the bottom indicates '0 Simulations running'.

- The user details are fetched by the IOT device which is created through IBM IOT Watson platform.

4. CLOUDANT DATABASE:

The screenshot shows the Cloudant database interface. The top bar displays the database name 'createform' and the document ID 'd0736f6d9924af4c188f9753281a54b3'. The main area shows a JSON document with the following structure:

```

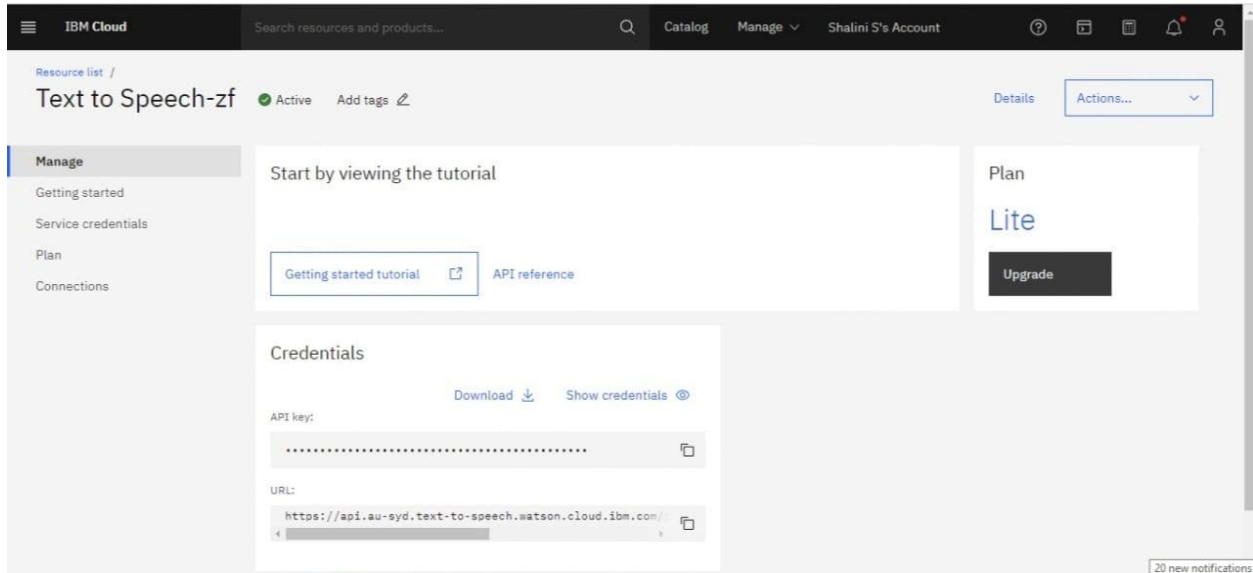
1 {
2   "_id": "d0736f6d9924af4c188f9753281a54b3",
3   "_rev": "10-a5d9a6a049984270a7c843dc581038a3",
4   "payload": {
5     "user": {
6       "Type Your Name": "Shalini",
7       "Enter Password": "55350135"
8     }
9   },
10  "socketid": "kgcxDeI8YmNfSkEgAABX"
11 }

```

The interface includes buttons for 'Save Changes', 'Cancel', 'Upload Attachment', 'Clone Document', and 'Delete'. The status bar at the bottom shows the system time as 10:55 AM on 11/20/2022.

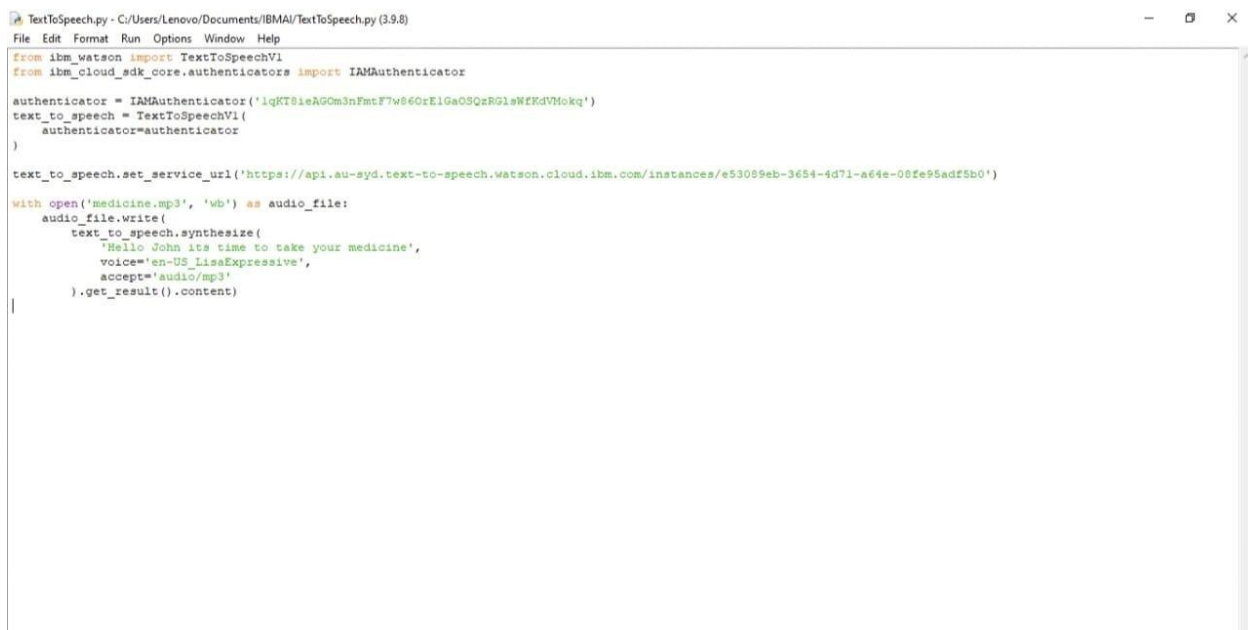
- All the medicine details from the user are get stored in the IBM Cloudant Database in a JSON format.

5. TTS SERVICE:



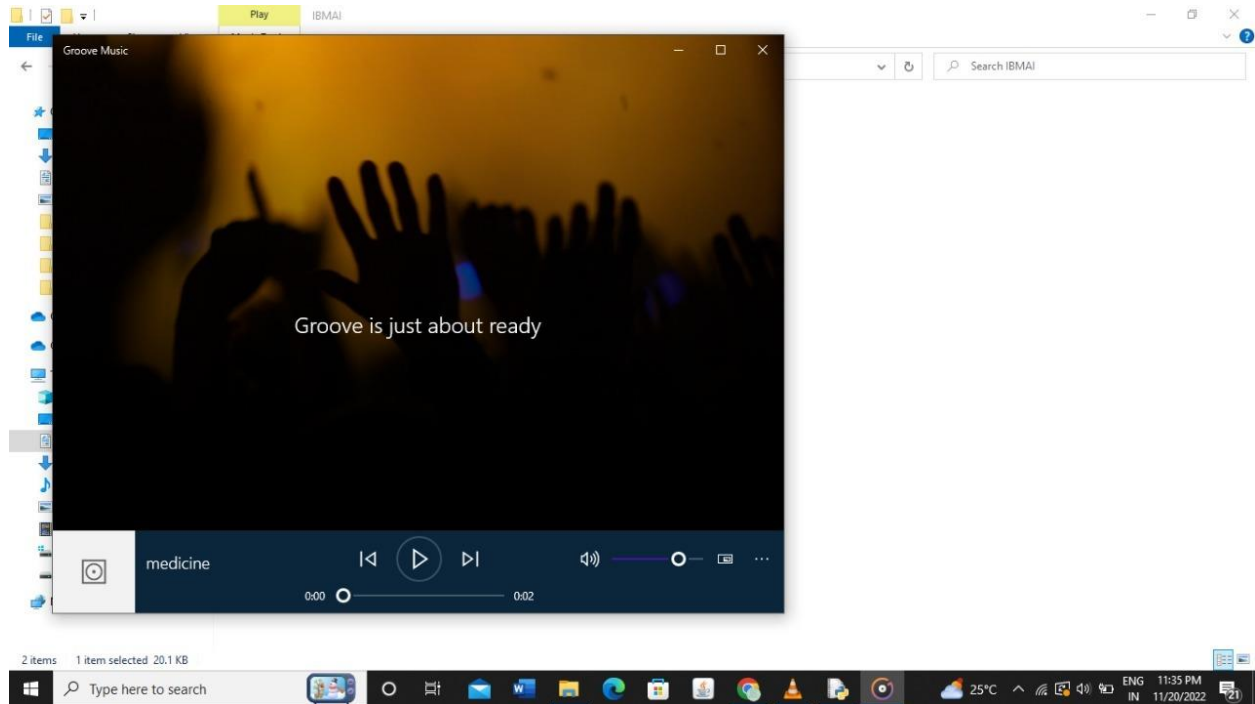
- IBM TTS Service is used to notice ID user medicine name and dosage via voice commands.

6. PYTHON SCRIPT FOR TTS SERVICE:



- This python script convert the text to speech using IBM TTS Service.
- Using this, web application make an alert to the user via voice command.

TTS SERVICE VIOCE COMMAND:



- Above screenshot contains the voice command when user get notification about the in taking of medicine which is given by user via web app.

RESULT:

Thus by end of the sprint 4 the web UI where interact with the software is created and tested successfully.