Project Development Phase
Sprint - 4

Date	19 November 2022
Team ID	PNT2022TMID35939
Project Name	Medicine Reminder
Maximum Marks	4 Marks

WORKFLOW:
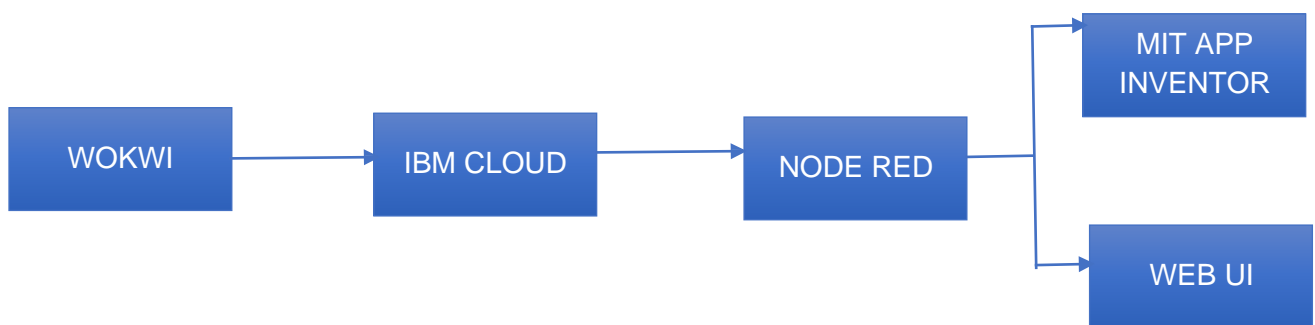
Sprint 4 – We have included the WEB UI

WOKWI:


```
0:29:8Sending payload: {"hour":0,"minute":29,"seconds":8}
Publish ok
0:29:10Sending payload: {"hour":0,"minute":29,"seconds":10}
Publish ok
0:29:12Sending payload: {"hour":0,"minute":29,"seconds":12}
Publish ok
```

IBM Watson IoT platform:

		Device ID	Status	Device Type	Class ID	Date Added		
⌄	■	1234	⬚ Disconnected	Nodemcu	Device	27 Oct 2022 15:25	→	•••

Identity	Device Information	Recent Events	State	Logs		×

The recent events listed show the live stream of data that is coming and going from this device.

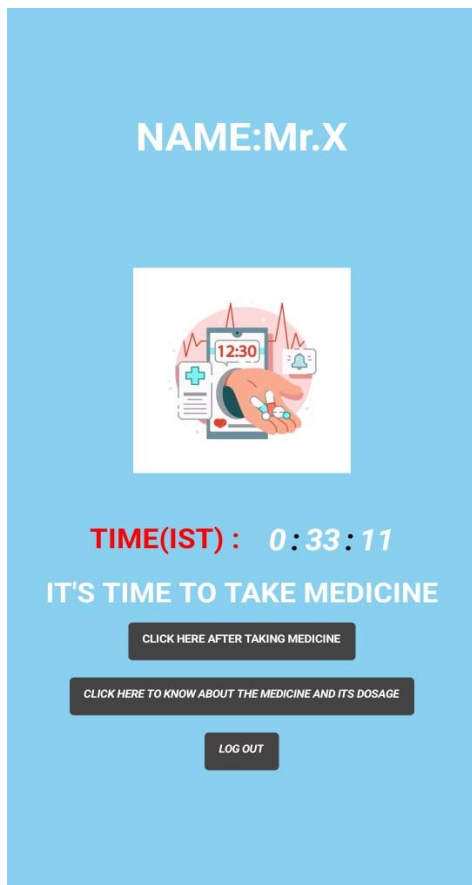| Event	Value	Format	Last Received
Data	{"hour":0,"minute":33,"seconds":11}	json	a few seconds ago
Data	{"hour":0,"minute":33,"seconds":9}	json	a few seconds ago
Data	{"hour":0,"minute":33,"seconds":7}	json	a few seconds ago
Data	{"hour":0,"minute":33,"seconds":5}	json	a few seconds ago

WEB UI:

MEDICINE REMINDER

TIME-HOURS	TIME-MINUTES	SECONDS
HOUR	MINUTES	SECONDS
0 HRS	**33** MIN	**11** SEC
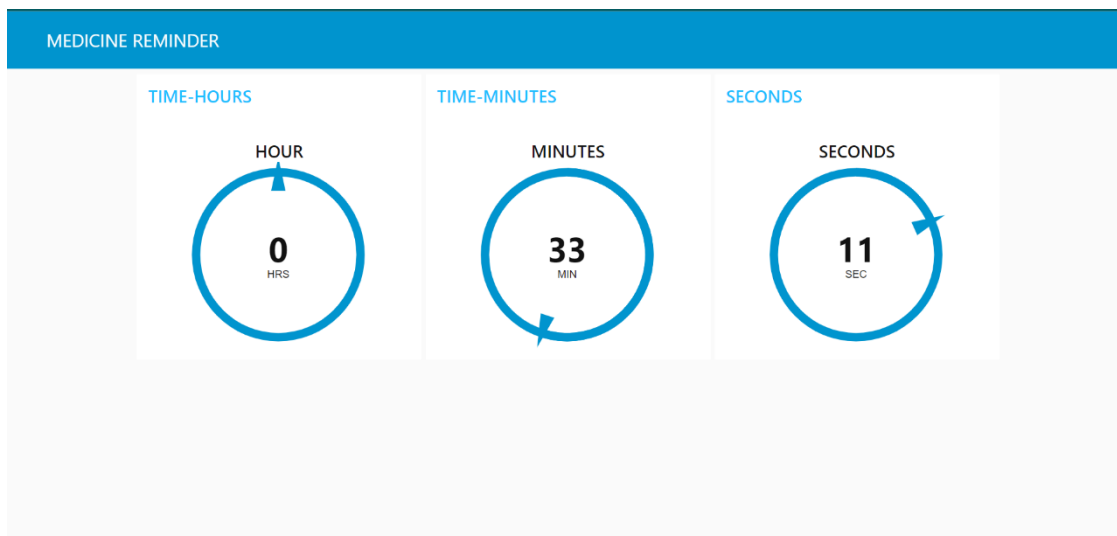
WOKWI:

From the wokwi simulation we get real time clock using NTP server


```
0:29:8Sending payload: {"hour":0,"minute":29,"seconds":8}
Publish ok
0:29:10Sending payload: {"hour":0,"minute":29,"seconds":10}
Publish ok
0:29:12Sending payload: {"hour":0,"minute":29,"seconds":12}
Publish ok
```
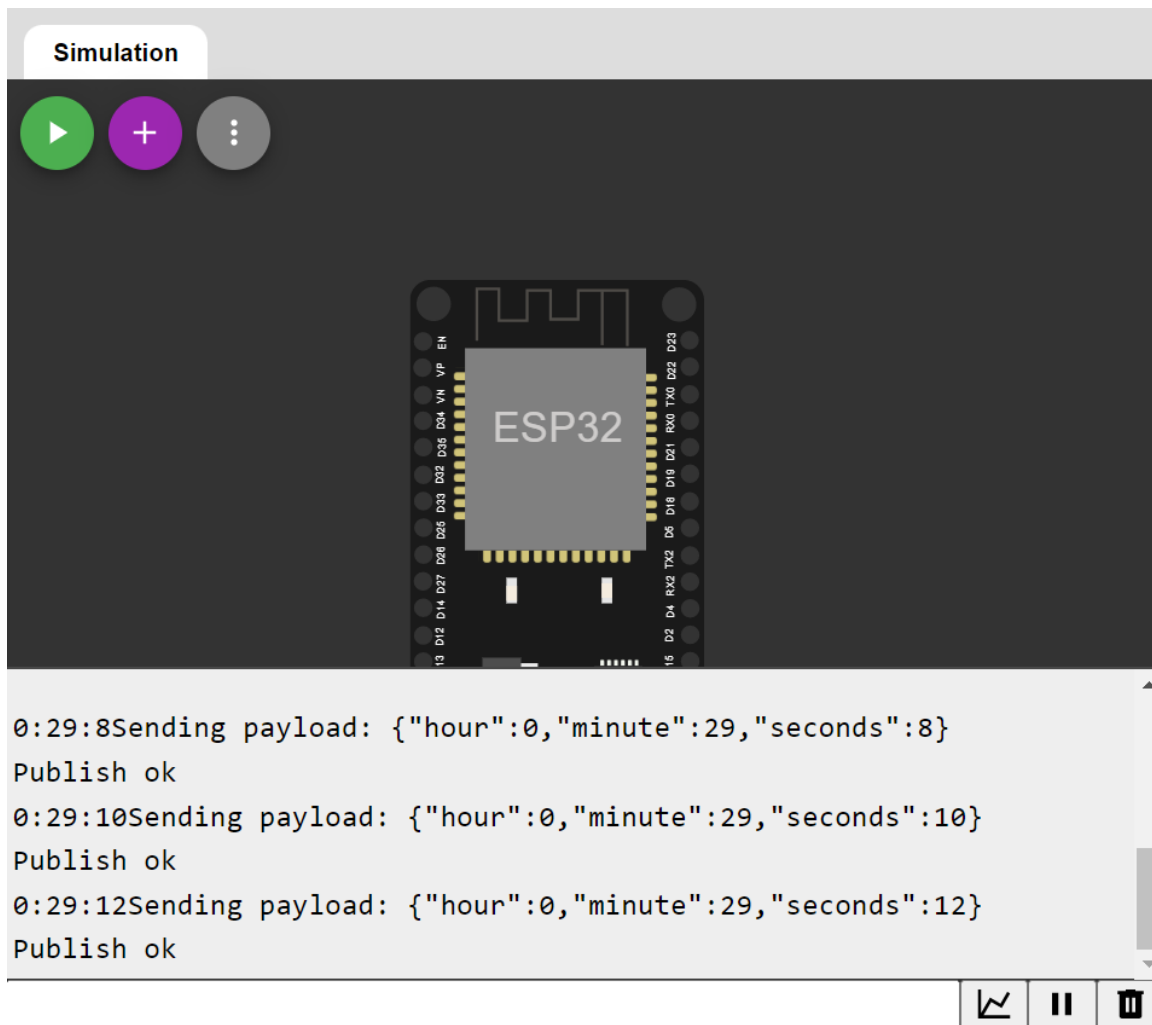
- **The data obtained from the wokwi is now transmitted to Watson IBM cloud**
- **Then the data in the cloud is accessed by the Node red**
- **Node red send data to the WEB UI and also to the APP**

Case 1:-

   If the Real Time Clock matches with the user desired value it shows

NAME:Mr.X

TIME(IST) : *0*:*33*:*11*

IT'S TIME TO TAKE MEDICINE

CLICK HERE AFTER TAKING MEDICINE

CLICK HERE TO KNOW ABOUT THE MEDICINE AND ITS DOSAGE

LOG OUT

Case 2:-

If the Real Time Clock does not matches with the user desired value it shows