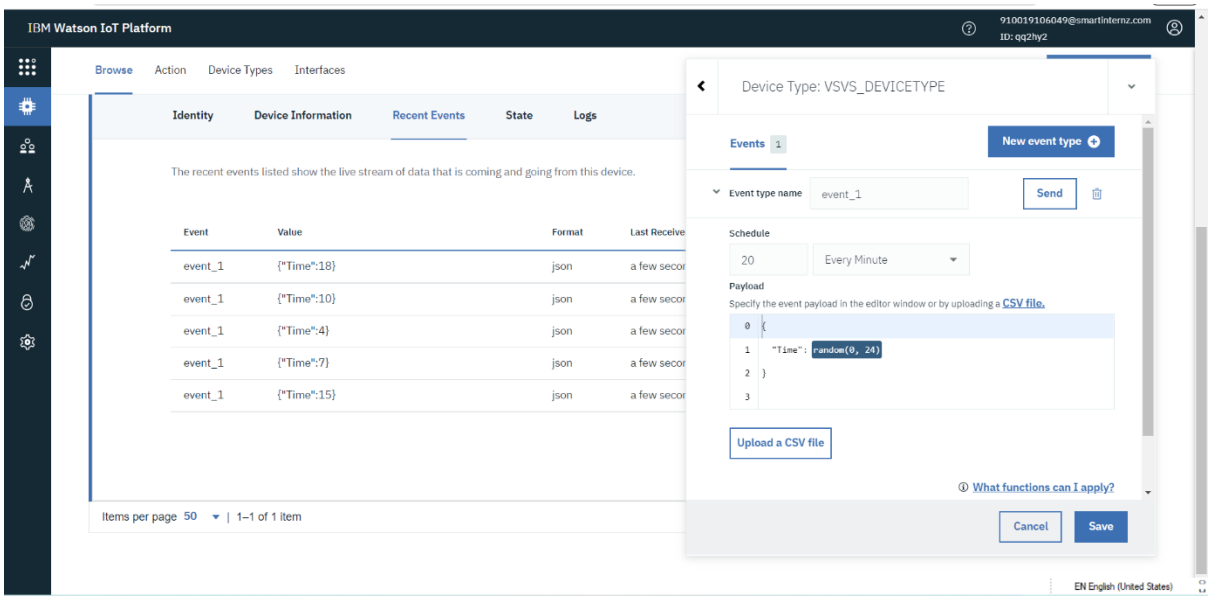
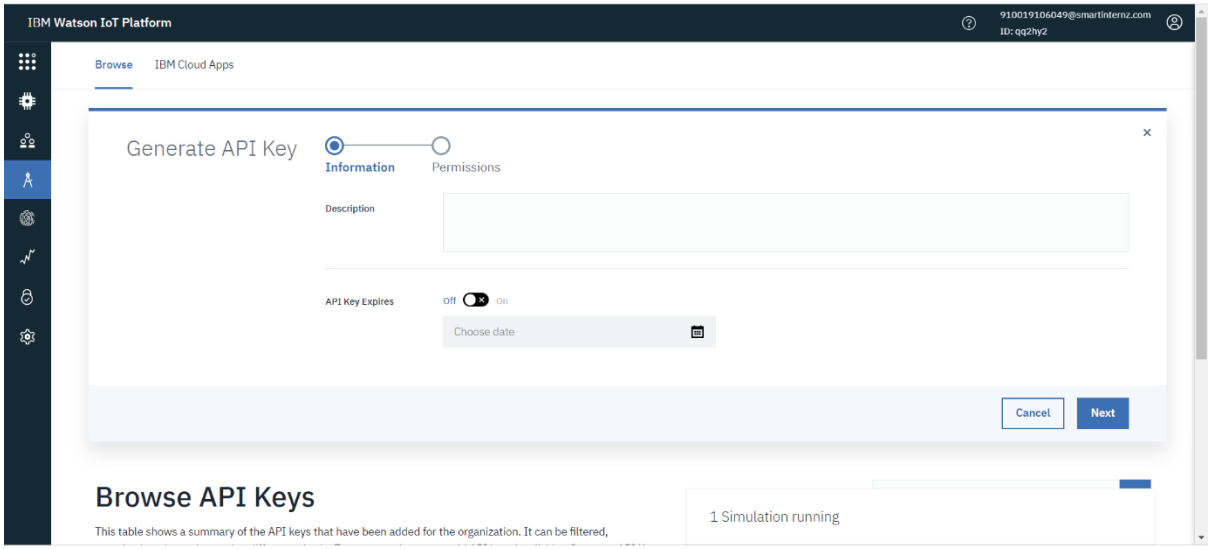
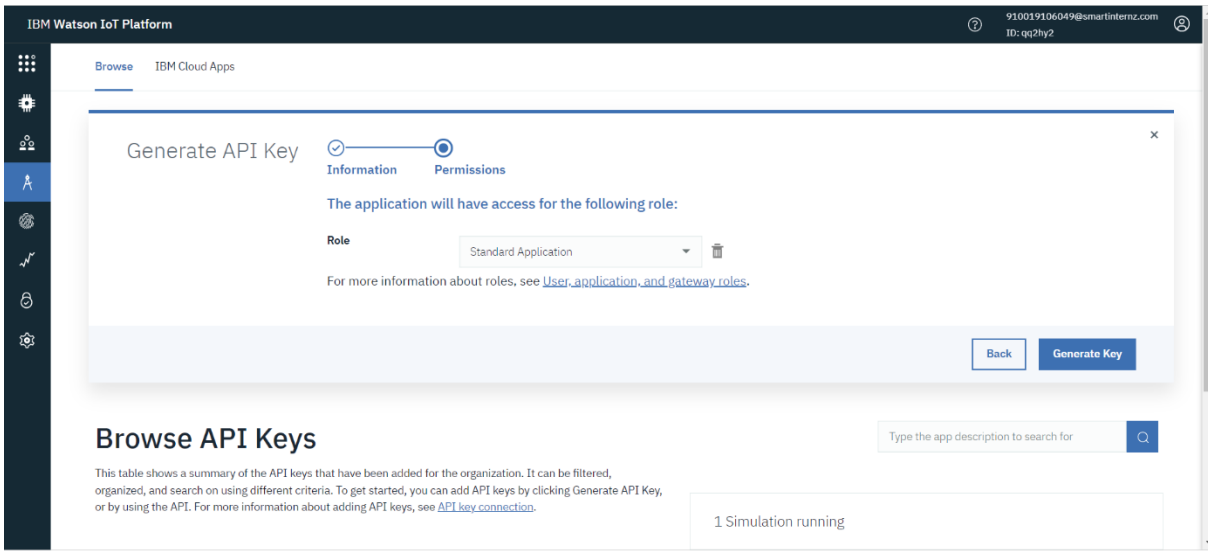
DATE	**04 - NOVEMBER - 2022**
TEAM ID	**PNT2022TMID47501**
PROJECT NAME	**PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF-RELIANT**
MAXIMUM MARKS	**20 MARKS**

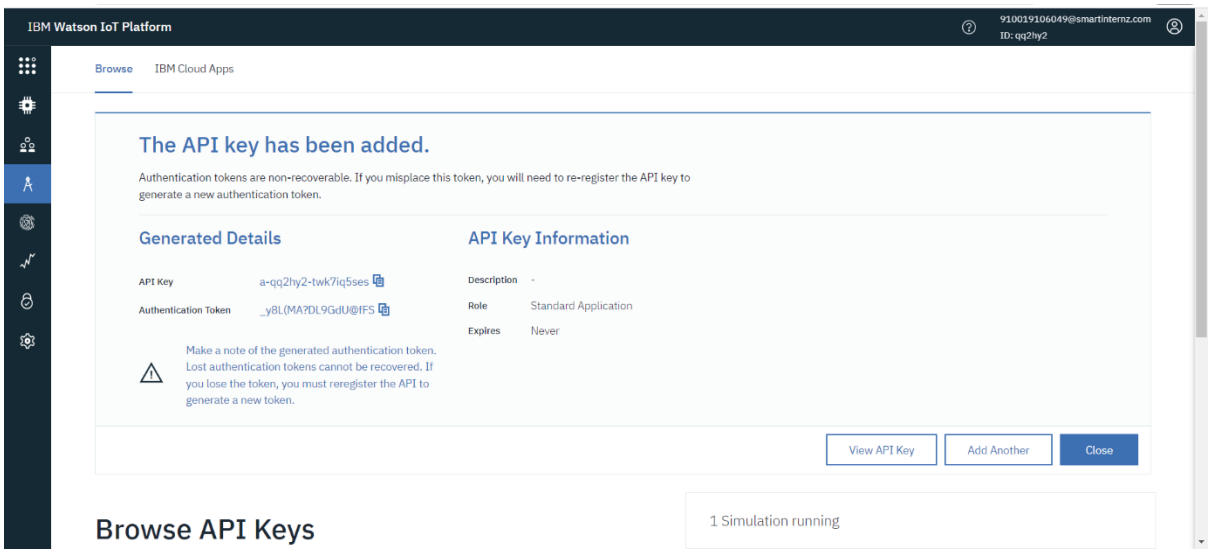
SPRINT-2	US-1	Configure the connection security and create API keys that are used in the Node-RED service for accessing the IBM IoT Platform	10	High	Vaishnavi R Sabari Muktheeswaran A
SPRINT-2	US-2	Create a Node-RED service	10	High	Vaishnavi R Sabari Muktheeswaran A

US-1: Configure the connection security and create API keys that are used in the Node-RED service for accessing the IBM IoT Platform

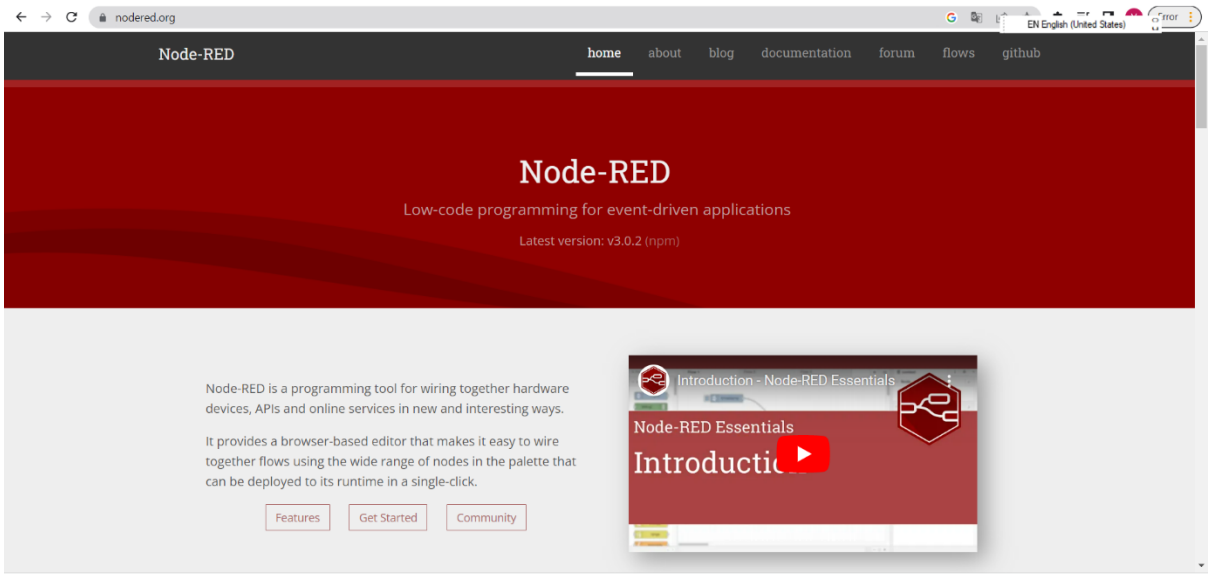


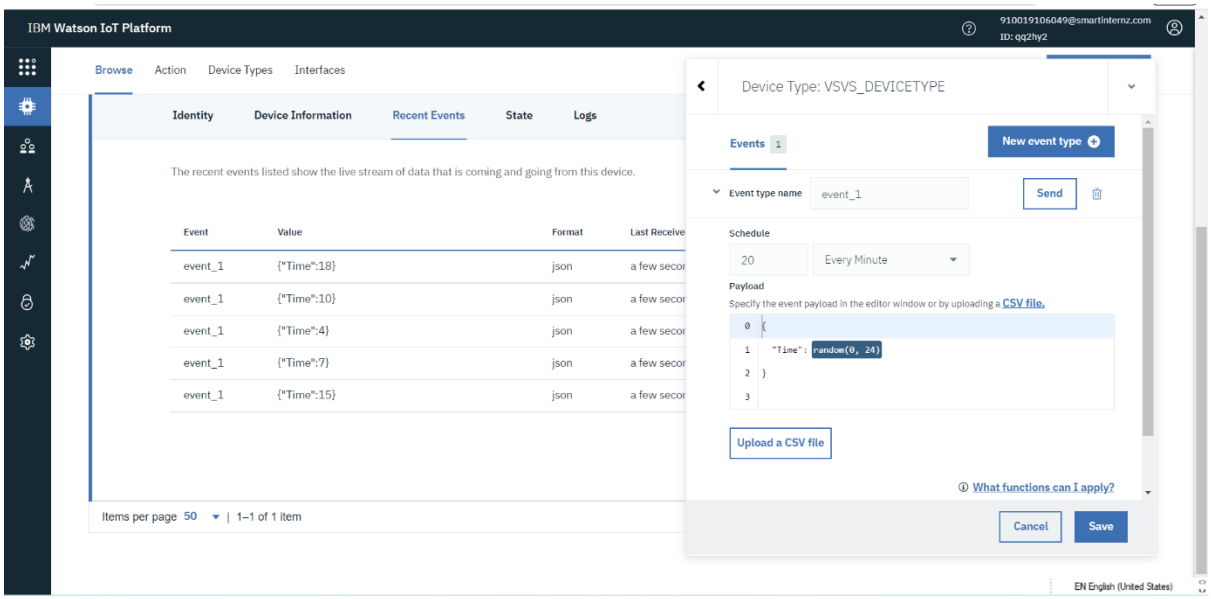


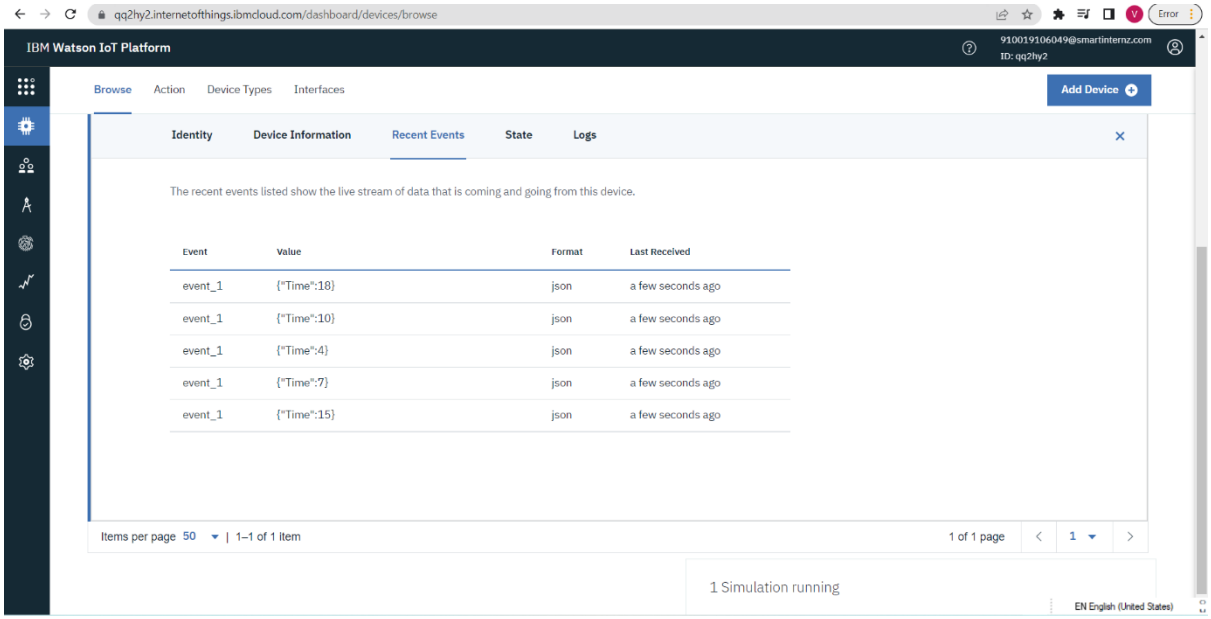

IBM Watson IoT Platform
910019106049@smartinternz.com
ID: qq2hy2
Browse
IBM Cloud Apps
Generate API Key
Information
Permissions
The application will have access for the following role:
Role
Standard Application
For more information about roles, see User, application, and gateway roles.
Back
Generate Key
Browse API Keys
Type the app description to search for
This table shows a summary of the API keys that have been added for the organization. It can be filtered, organized, and search on using different criteria. To get started, you can add API keys by clicking Generate API Key, or by using the API. For more information about adding API keys, see API key connection.
1 Simulation running


IBM Watson IoT Platform
910019106049@smartinternz.com
ID: qq2hy2
Browse
IBM Cloud Apps
The API key has been added.
Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the API key to generate a new authentication token.
Generated Details
API Key
a-qq2hy2-twk7iq5ses
Authentication Token
_y8L(MA?DL9GdU@fFS
Make a note of the generated authentication token. Lost authentication tokens cannot be recovered. If you lose the token, you must reregister the API to generate a new token.
API Key Information
Description
-
Role
Standard Application
Expires
Never
View API Key
Add Another
Close
Browse API Keys
1 Simulation running

US-2: Create NODE-RED service:







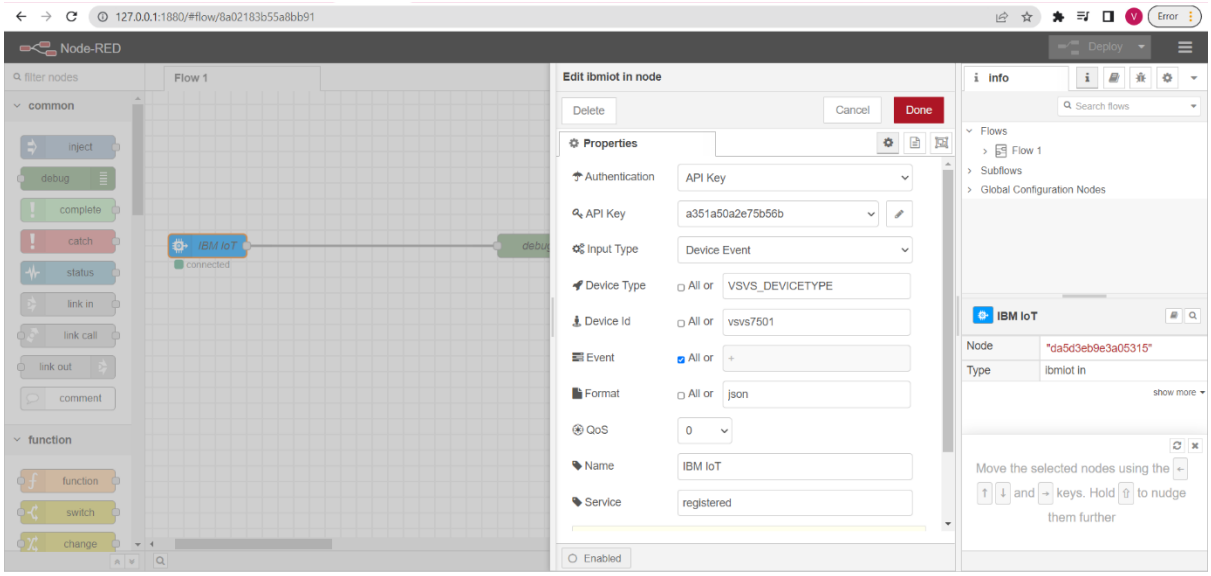
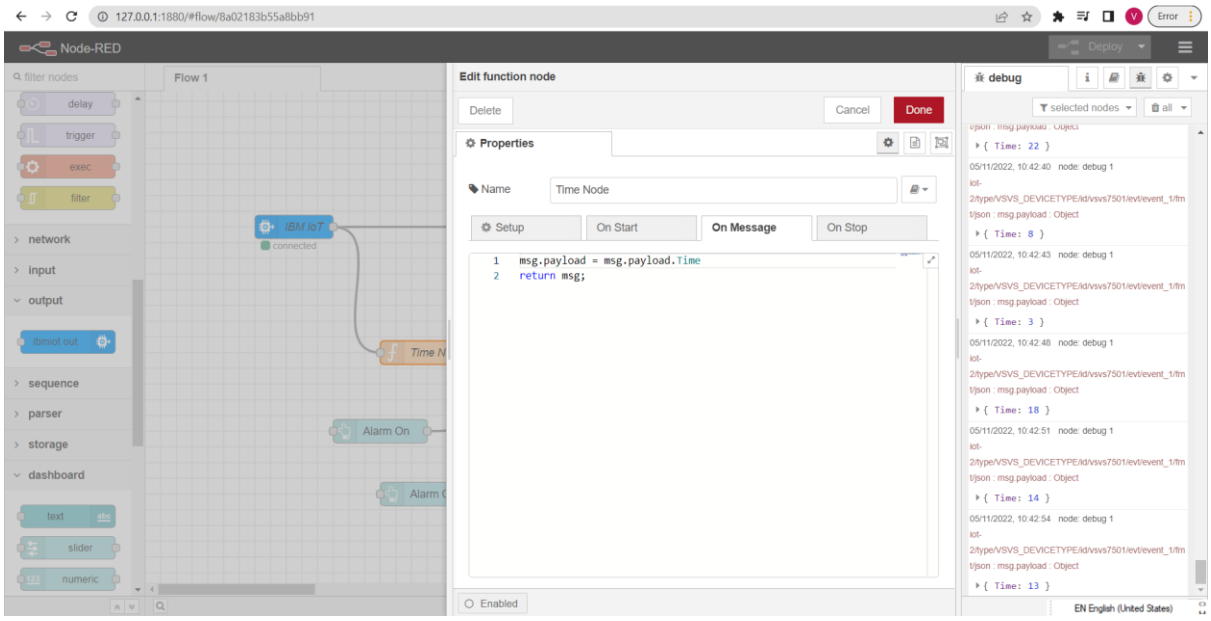
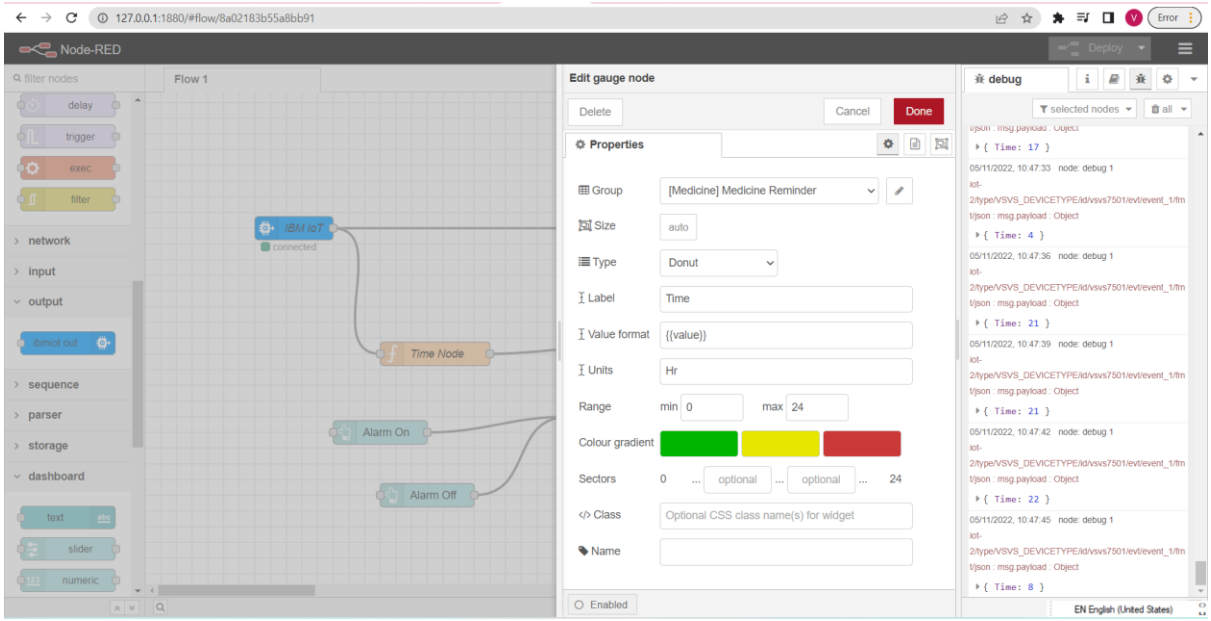
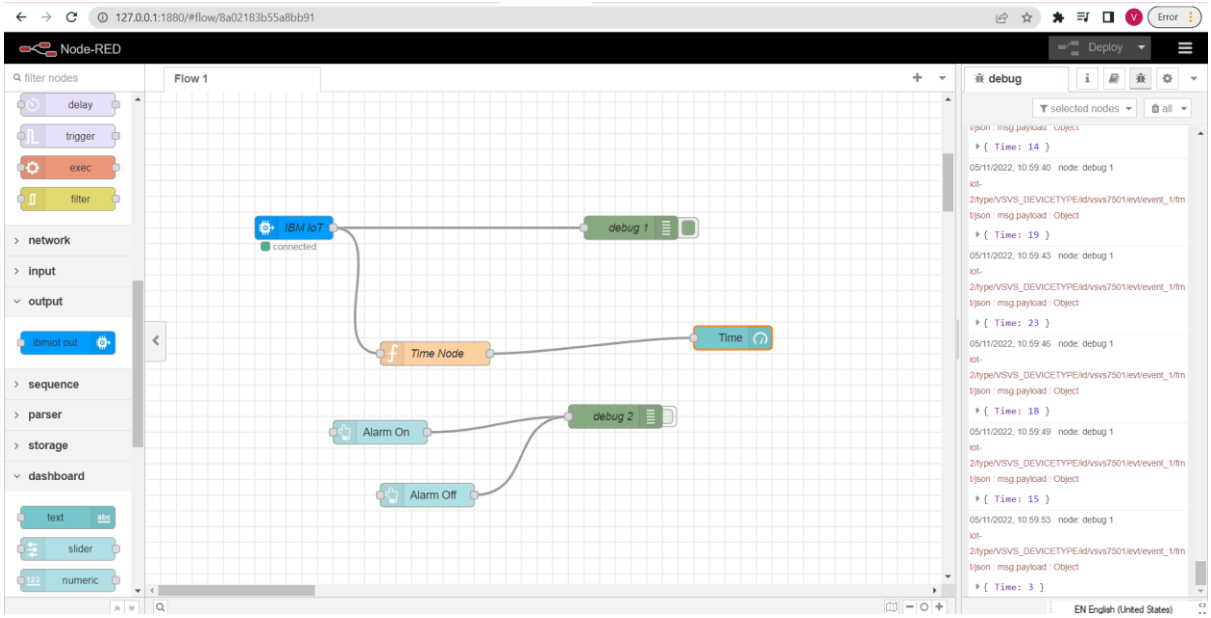


Fig: Properties of IBM IoT Node


Node-RED
Flow 1
Edit function node
Delete
Cancel
Done
Properties
Name
Time Node
Setup
On Start
On Message
On Stop
msg.payload = msg.payload.Time
return msg;
Enabled
debug
IBM IoT
connected
Alarm On
delay
trigger
exec
filter
network
input
output
sequence
parser
storage
dashboard
text
slider
numeric


Node-RED
Flow 1
Edit gauge node
Delete
Cancel
Done
Properties
Group
[Medicine] Medicine Reminder
Size
auto
Type
Donut
Label
Time
Value format
{{value}}
Units
Hr
Range
min 0
max 24
Colour gradient
Sectors
0 ... optional ... optional ... 24
Class
Optional CSS class name(s) for widget
Name
Enabled
debug
IBM IoT
connected
Time Node
Alarm On
Alarm Off
delay
trigger
exec
filter
network
input
output
sequence
parser
storage
dashboard
text
slider
numeric



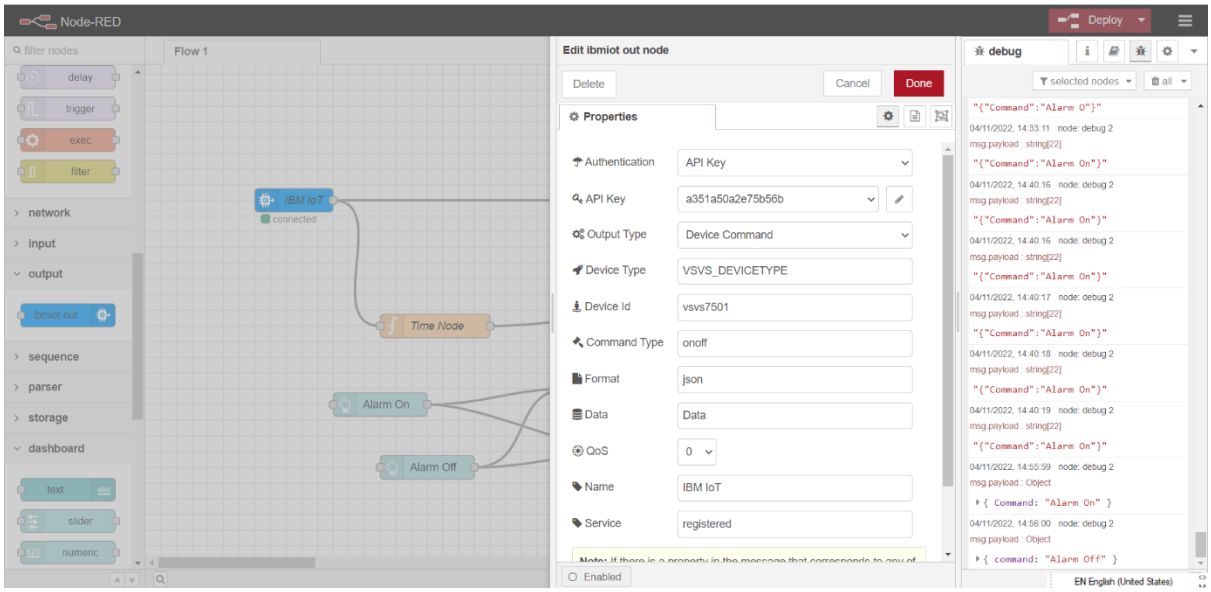
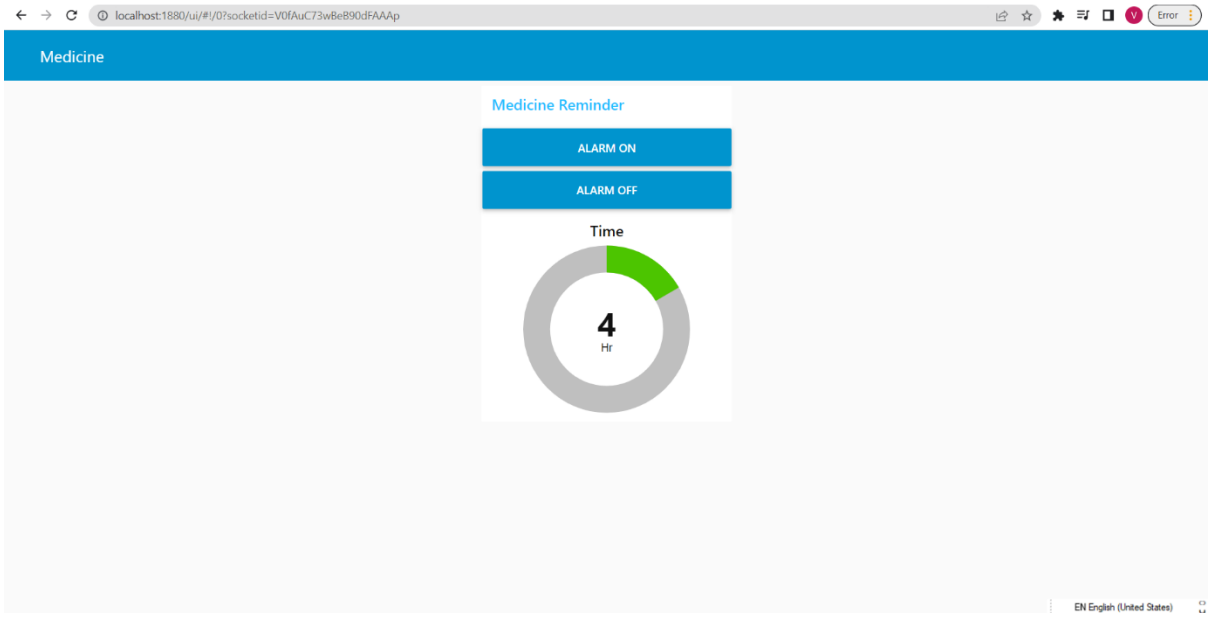
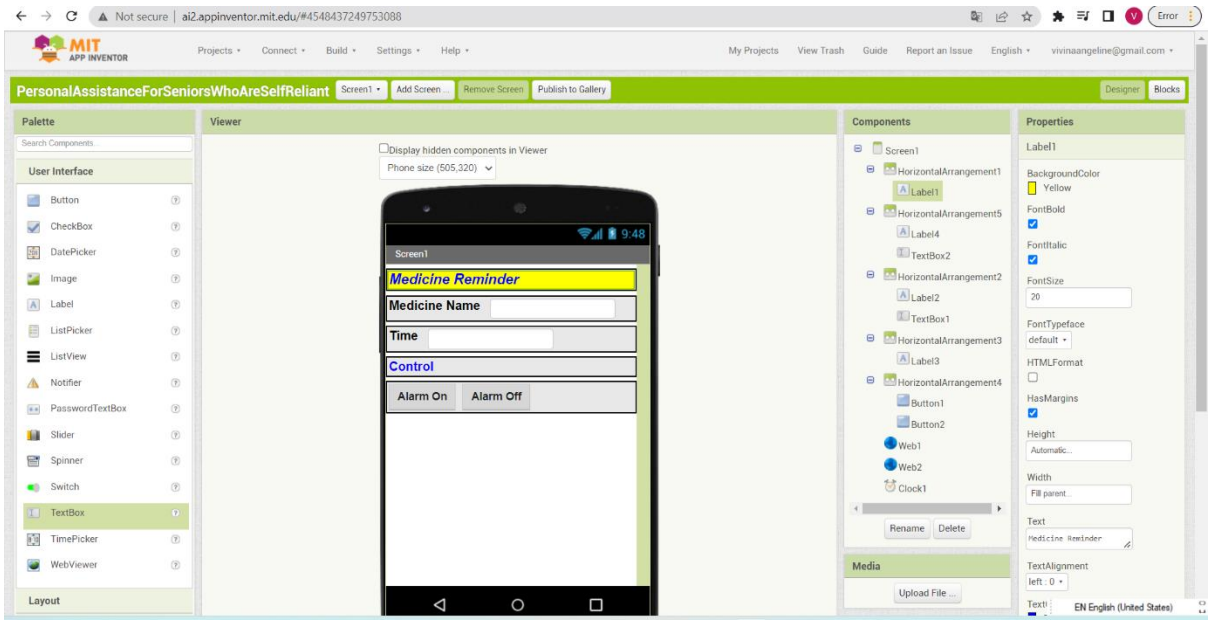


Fig: Properties of Alarm On/Off Node



MIT APP INVENTER TO DESIGN THE APP: