

Sprint-2

Date	18-11-2022
Team ID	PNT2022TMID33963
Project name	Signs with smart connectivity for better road safety
Maximum marks	20 marks

US-1: Configure the connection security and create API keys that are used in the Node-red service for accessing the IBM IOT platform.

The screenshot shows the IBM Watson IoT Platform dashboard. The top navigation bar includes the IBM logo and the user's email address. The main content area is titled 'Generated Details' and displays the following information:

Field	Value
API Key	a-8slgz2-yqb20jtjv
Authentication Token	q3tjpVVKPp(-TQ)w5W+
Description	-
Role	Standard Application
Expires	Never

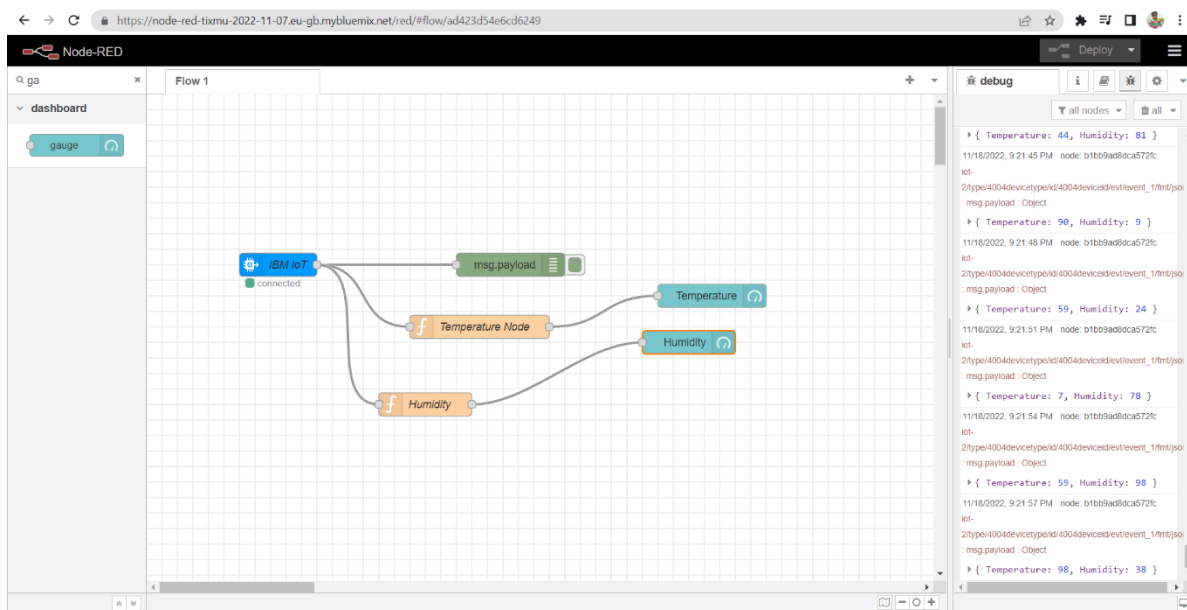
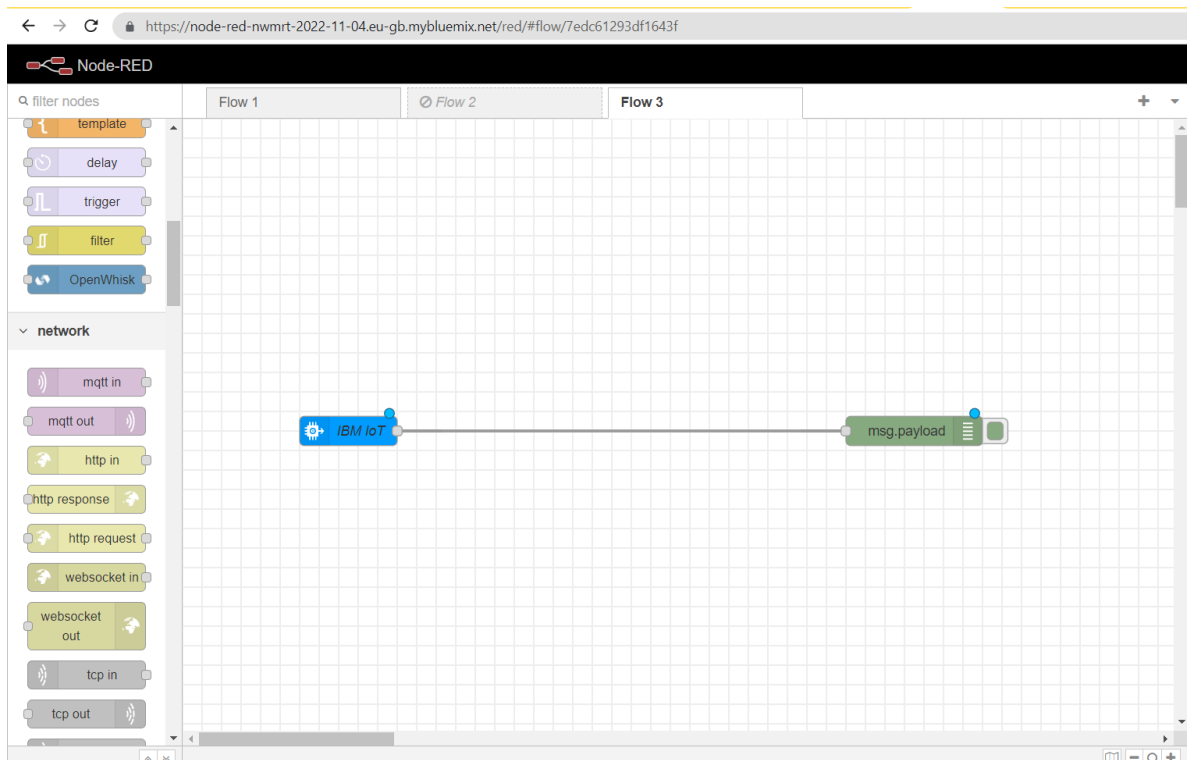
Below the table, there is a warning icon and a note: "Make a note of the generated authentication token. Lost authentication tokens cannot be recovered. If you lose the token, you must reregister the API to generate a new token." At the bottom right, there are buttons for 'View API Key', 'Add Another', and 'Close'.

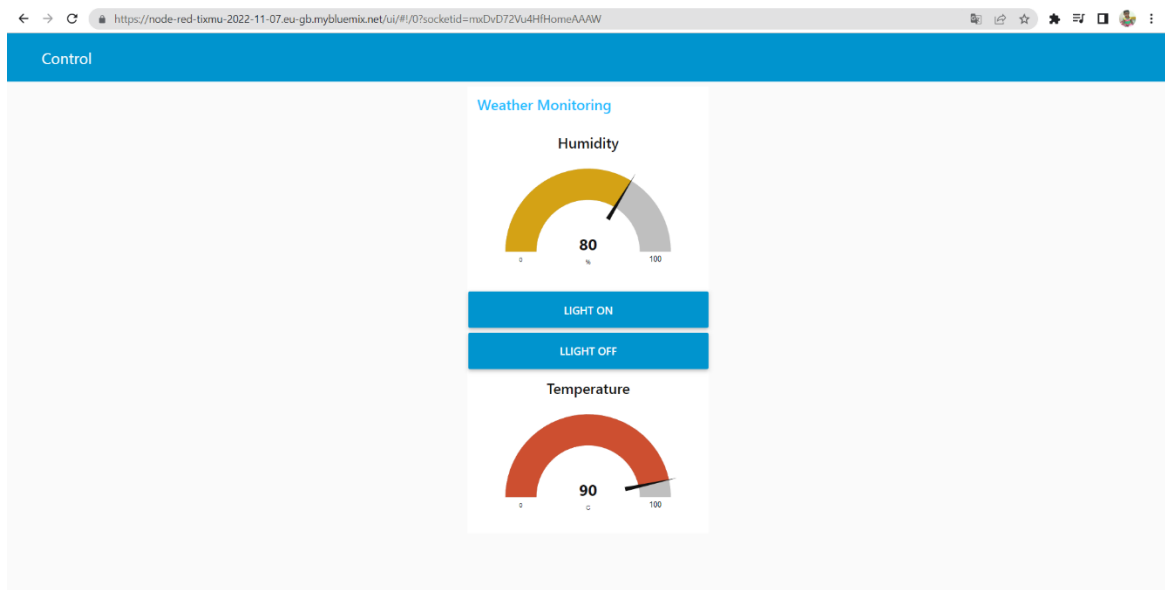
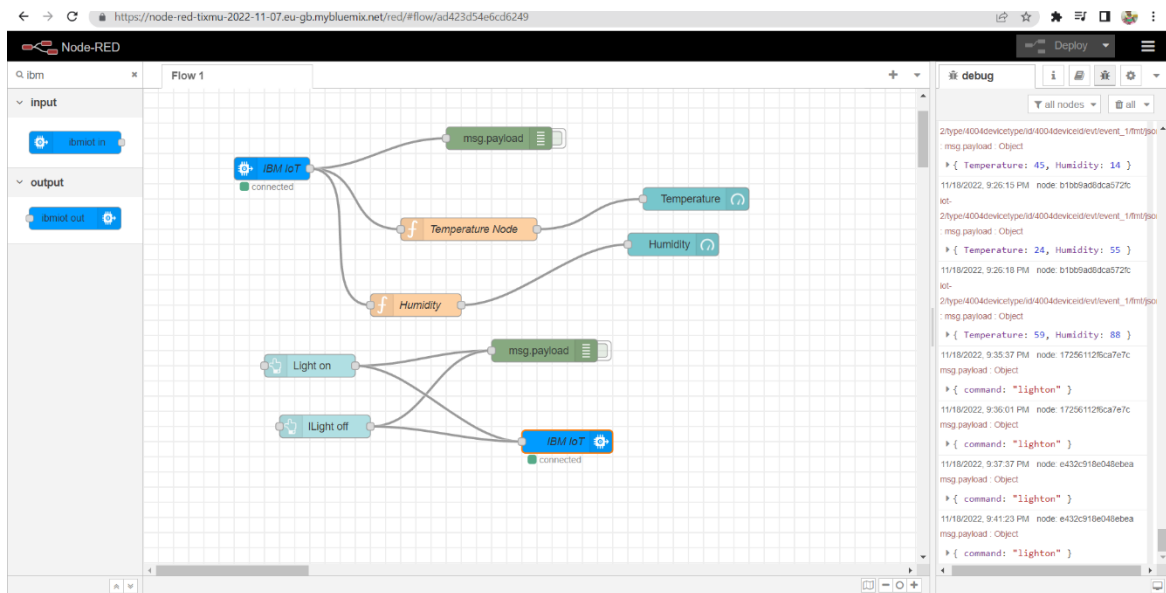
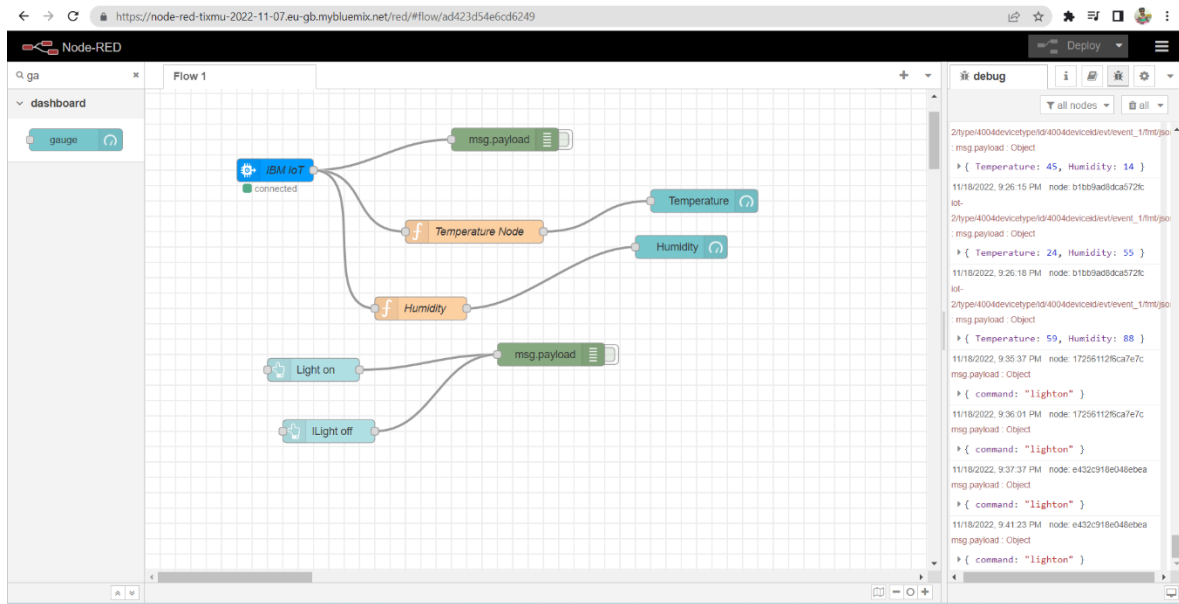
The screenshot shows the IBM Watson IoT Platform dashboard with a list of API keys. The top navigation bar includes the IBM logo and the user's email address. The main content area is titled 'Browse API Keys' and displays a table with the following columns: Key, Description, Role, and Expires. The table contains two results:

Key	Description	Role	Expires
a-8slgz2-9tz8rqcrzb	-	Standard Application	-
a-8slgz2-ud6aciyyh	API Key for the device simulator	Standard Application	-


Below the table, there is a button for 'Generate API Key' and a '1 Simulation running' status indicator.

US-2: Create a Node-red service.





US-3: Mit App Inventor.

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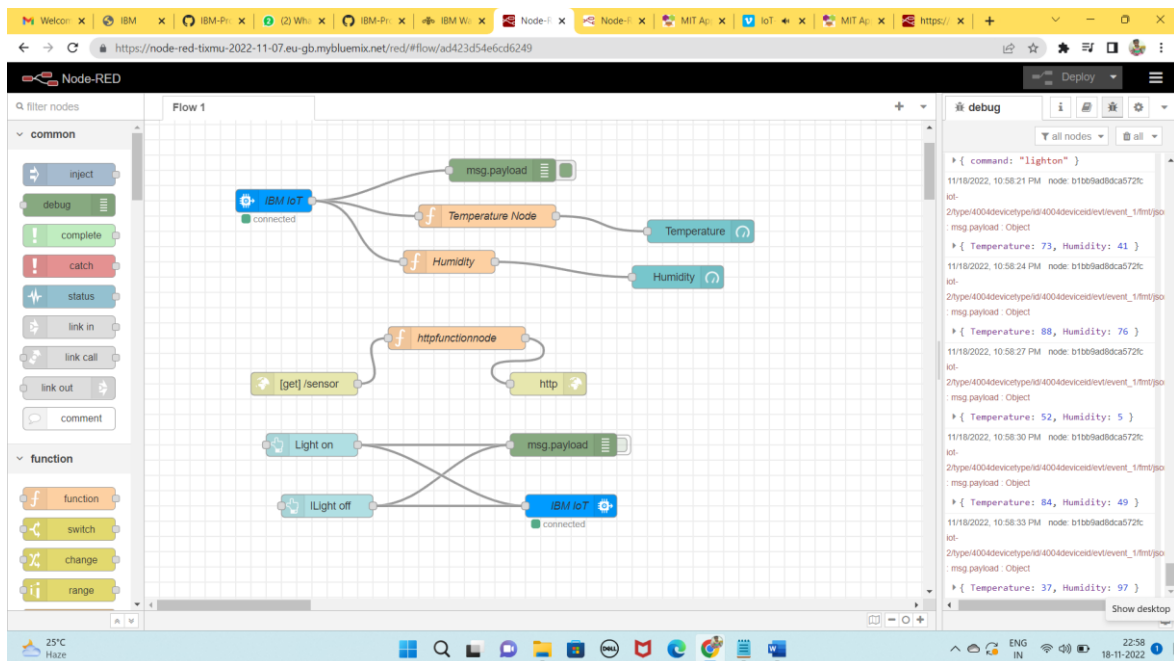
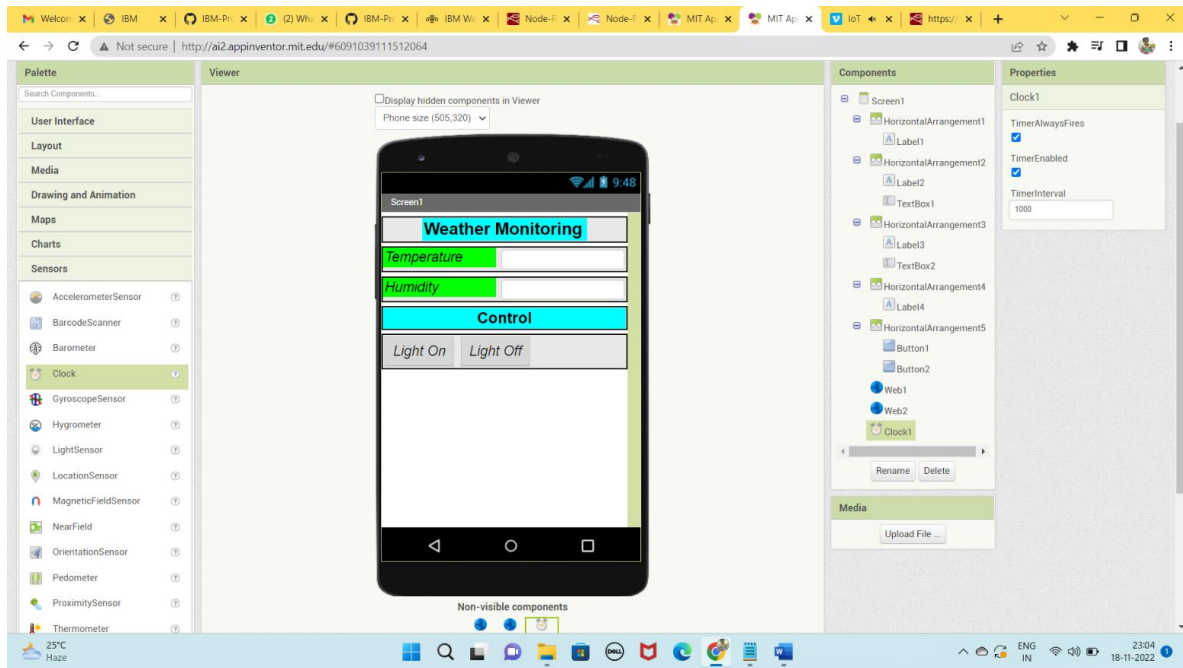
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USERS TODAY:
119.1K

USERS THIS MONTH:
1.2M

ALL-TIME USERS:
14.9M

APPS BUILT:
67.8M



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Road_Safety_IoT

Screen1 Add Screen Remove Screen Publish to Gallery Designer Blocks

Blocks

- HorizontalArrangemen
- Label1
- HorizontalArrangemen
- Label2
- TextBox1
- HorizontalArrangemen
- Label3
- TextBox2
- HorizontalArrangemen
- Label4
- HorizontalArrangemen
- Button1
- Button2
- Web1
- Web2
- Clock1
- Any component

Rename Delete

Media

Upload File

Viewer

when Clock1.Timer

do

- set Web1.Uri to https://mode-red-lixmu-2022-11-07-eu-gb.mybluem...
- call Web1.Get

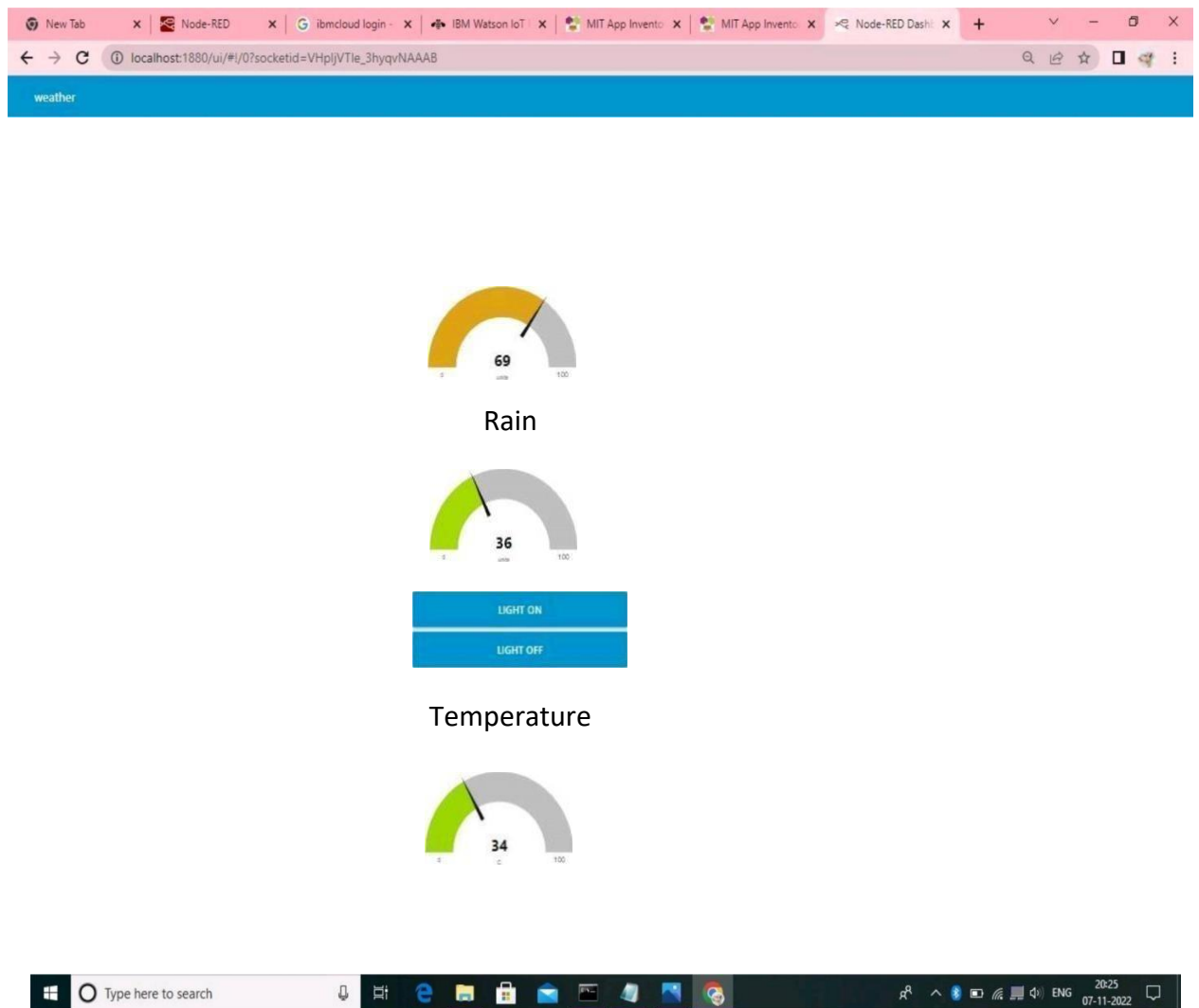
when Web1.GotText

url	responseCode	responseType	responseContent
do	set TextBox1.Text to	look up in pairs key	Temp
		pairs	call Web1.JsonTextDecode
			jsonText get responseContent
		notFound	not found
set TextBox2.Text to	look up in pairs key	Humid	
		pairs	call Web1.JsonTextDecode
			jsonText get responseContent
		notFound	not found

Show Warnings

23°C Haze

23:18 18-11-2022



MIT app inverter to design the app:

