

PROJECT DEVELOPMENT PHASE

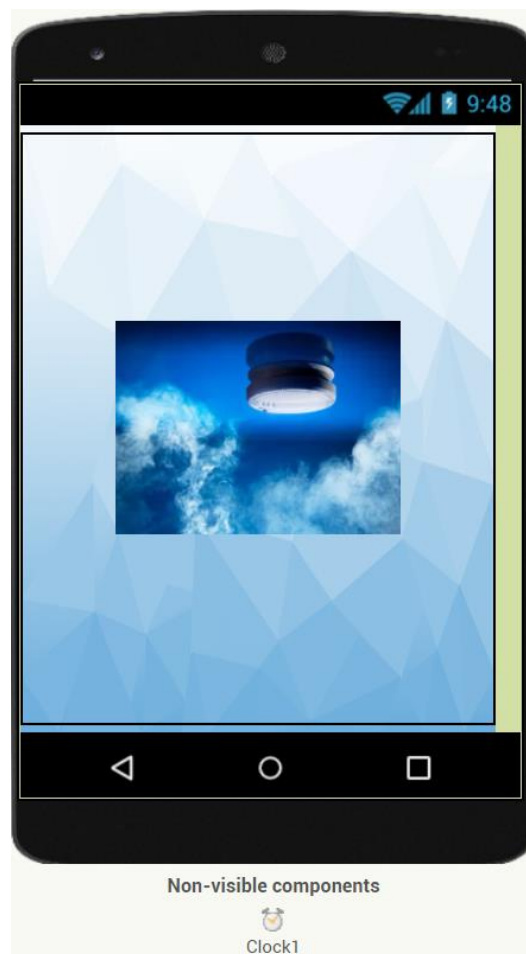
SPRINT 4

DATE	16 November 2022
TEAM ID	PNT2022TMID35489
TITLE	Gas Leakage Monitoring and Alerting System for Industries

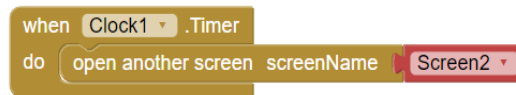
TASK TO BE DONE:

A Mobile Application for monitoring Environmental parameters such as Temperature, Humidity and Gas Concentration has to be developed using MIT App Inventor.

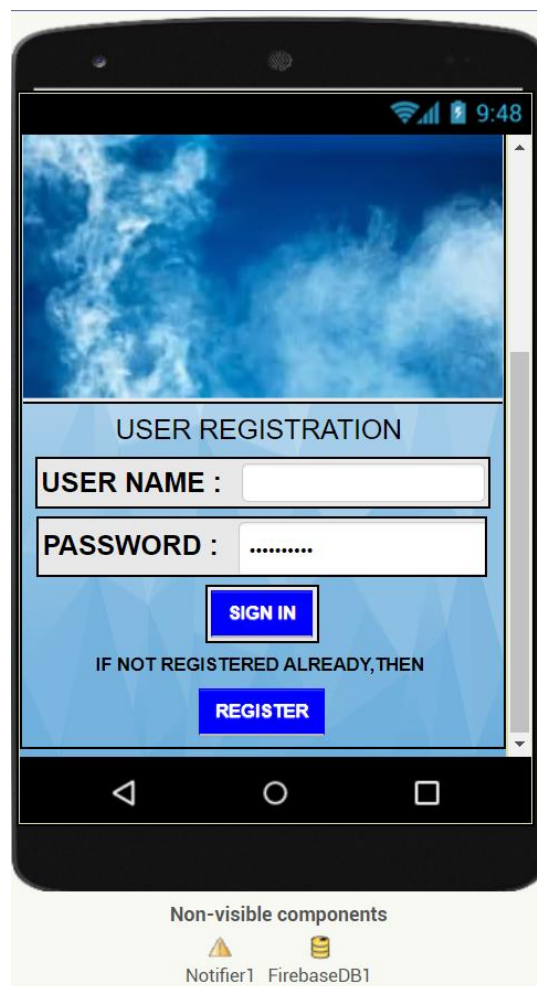
FRONT END OF SCREEN 1:



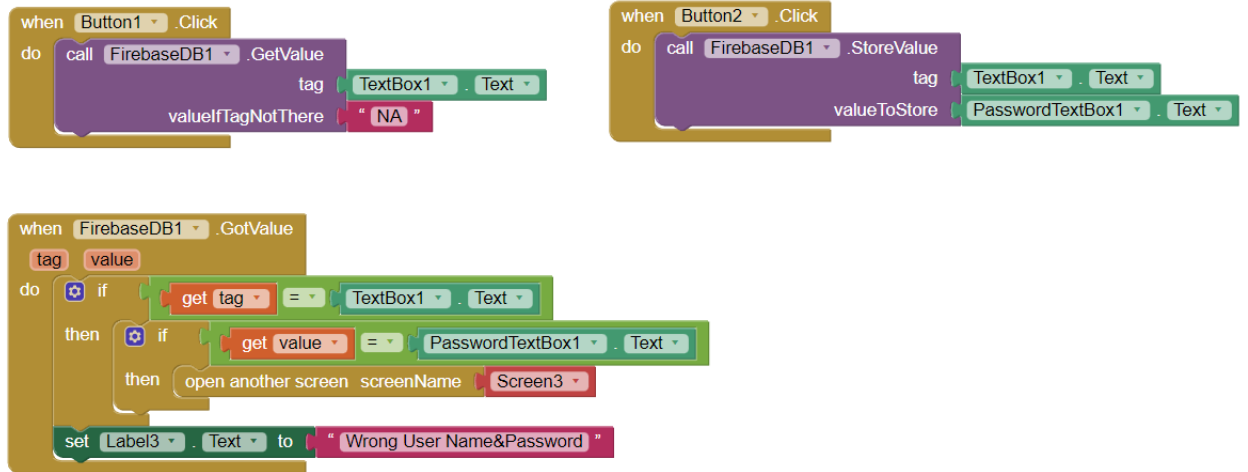
BACKEND OF SCREEN 1:



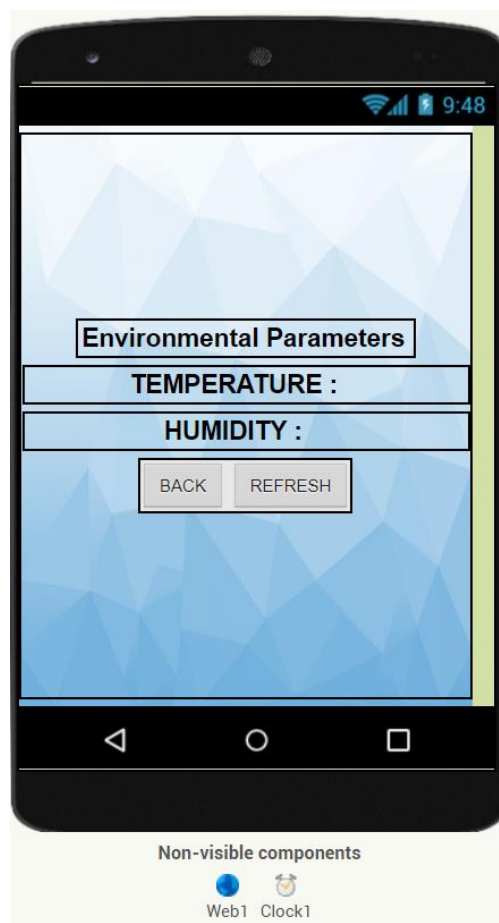
FRONEND OF SCREEN 2:



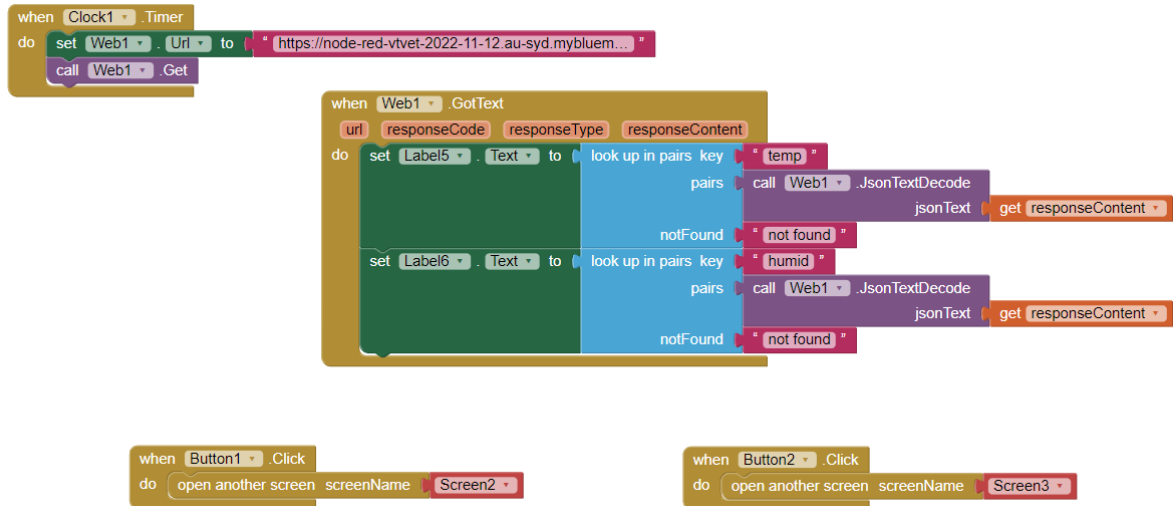
BACKEND OF SCREEN 2:



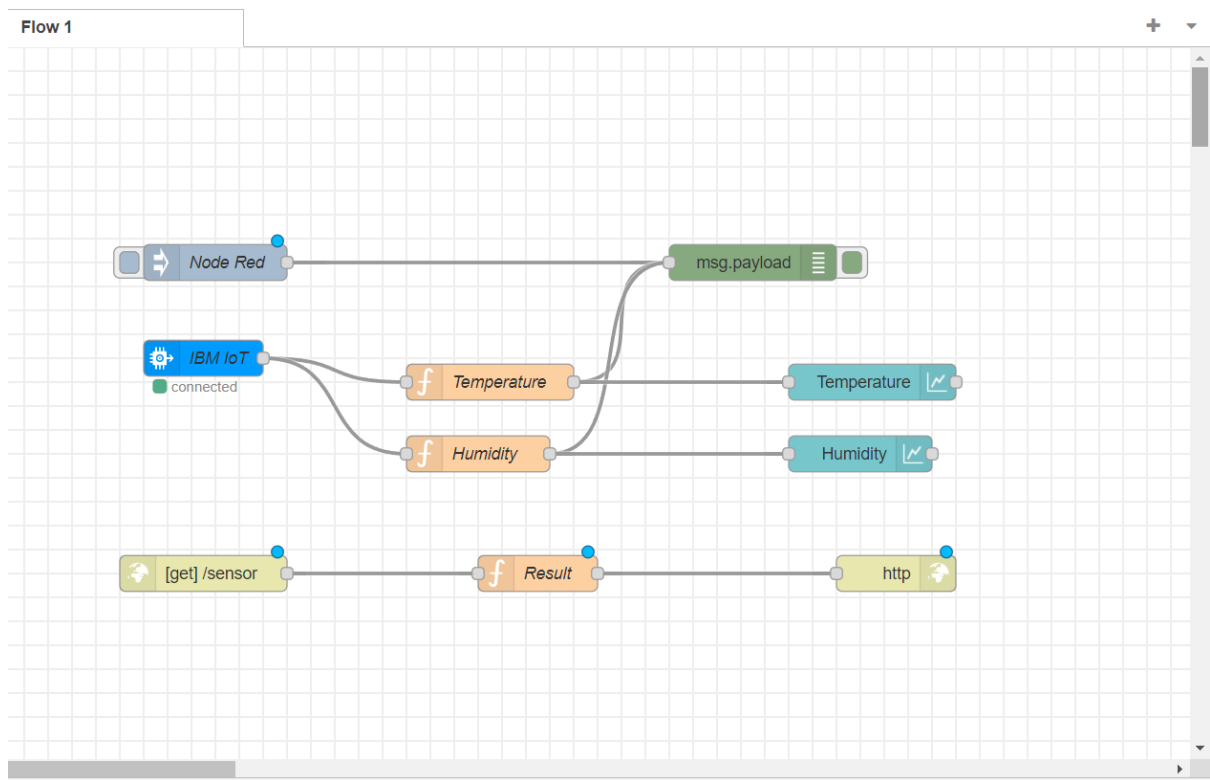
FRONT END OF SCREEN 3:



BACK END OF SCREEN 3:



NODE-RED SCHEMATIC:

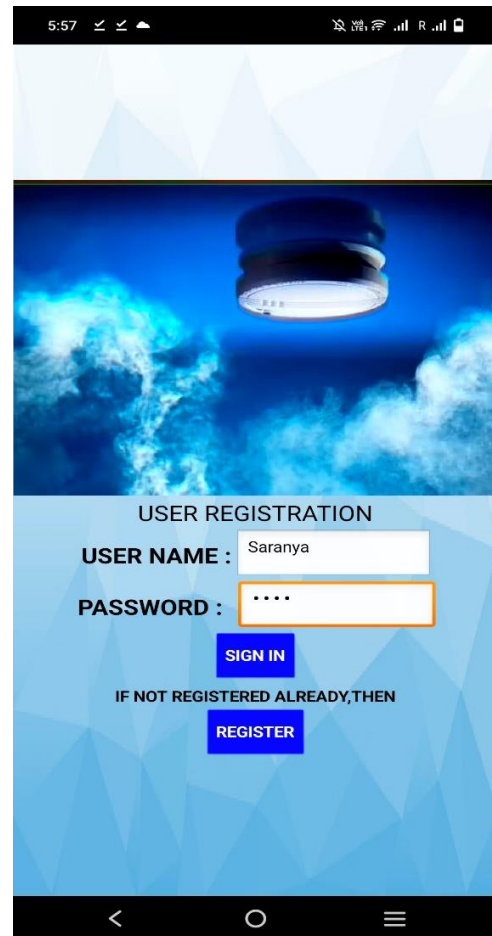


MOBILE APP:

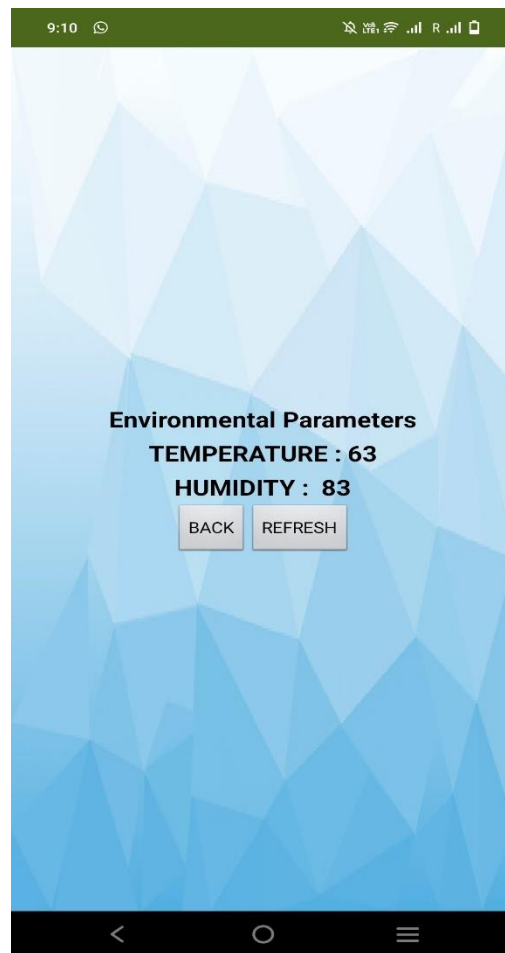
SCREEN 1:



SCREEN 2:



SCREEN 3:



IBM WATSON PLATFORM:

IBM Watson IoT Platform

2019105594@student.annauniv.edu
ID: d4fpcb

Browse Action Device Types Interfaces

Add Device

Search by Device ID

Device Simulator

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
123456	Disconnected	abcde	Device	Nov 12, 2022 8:50 PM	

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
event_1	{"temp":63,"humid":83}	json	a few seconds ago
event_1	{"temp":70,"humid":93}	json	a minute ago
event_1	{"temp":46,"humid":93}	json	2 minutes ago

1 Simulation running

NODE RED:



```
{ "temp" : 63 , "humid" : 83 }
```

FIREBASE-STORE DATABASE:

