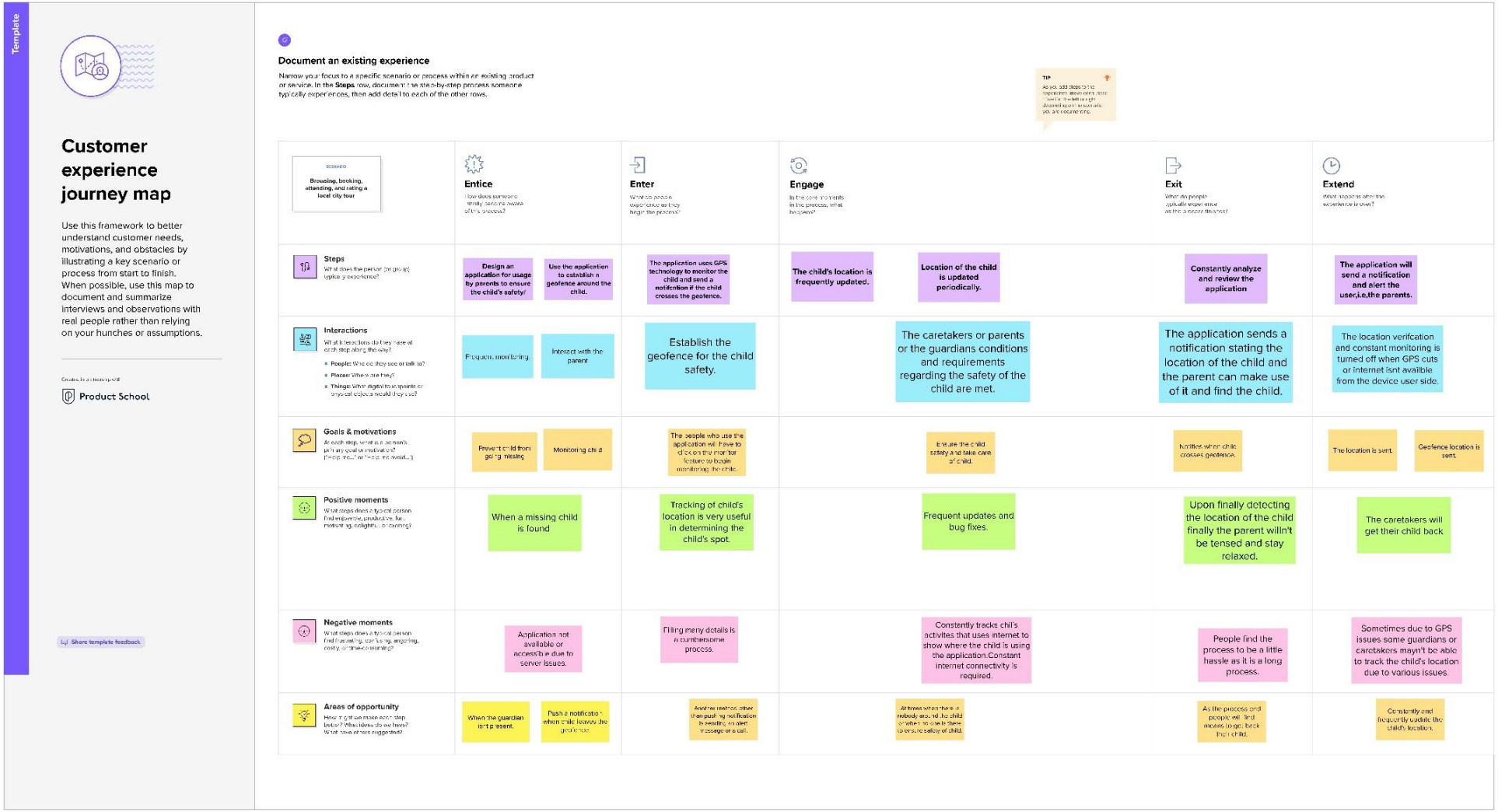
NALAIYA THIRAN
WEEK 7 REPORT

Phase 4 Description: Project Design Phase -II (Requirement Analysis, Customer Journey, Data Flow Diagrams, Technology Architecture)

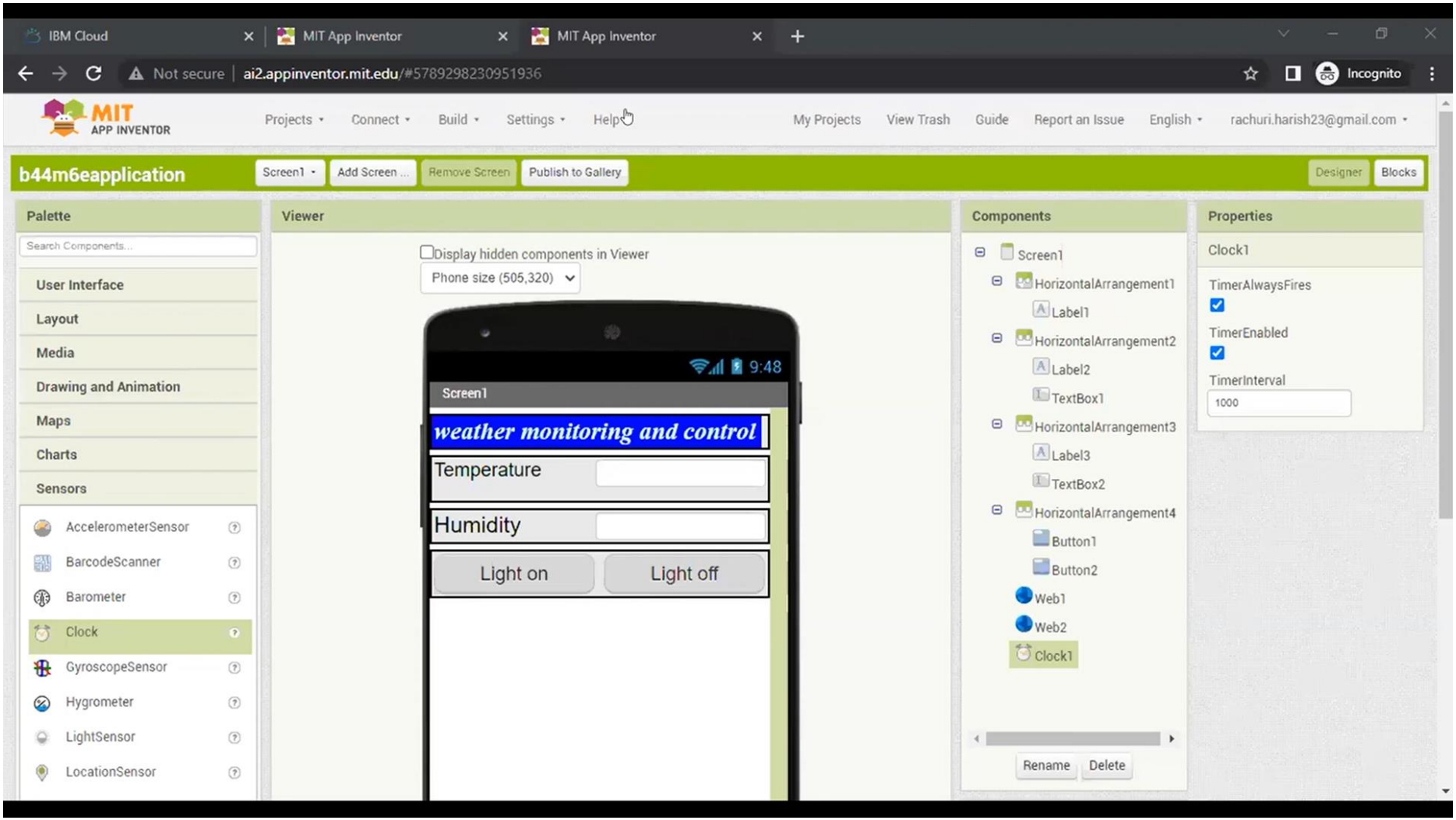
4.1 Prepare the customer journey maps to understand the user interactions & experiences with the application (entry to exit)

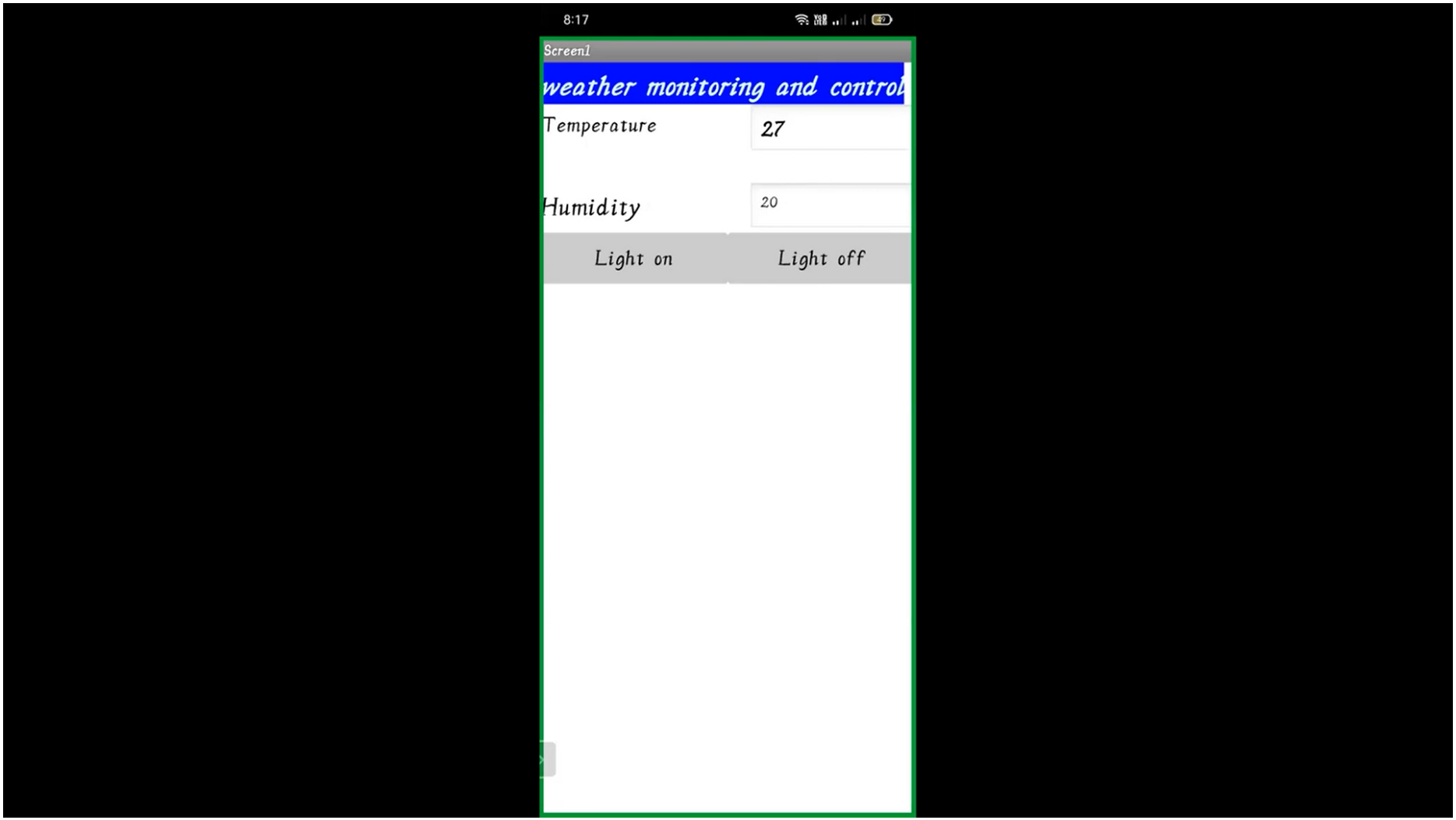
Customer Journey Map

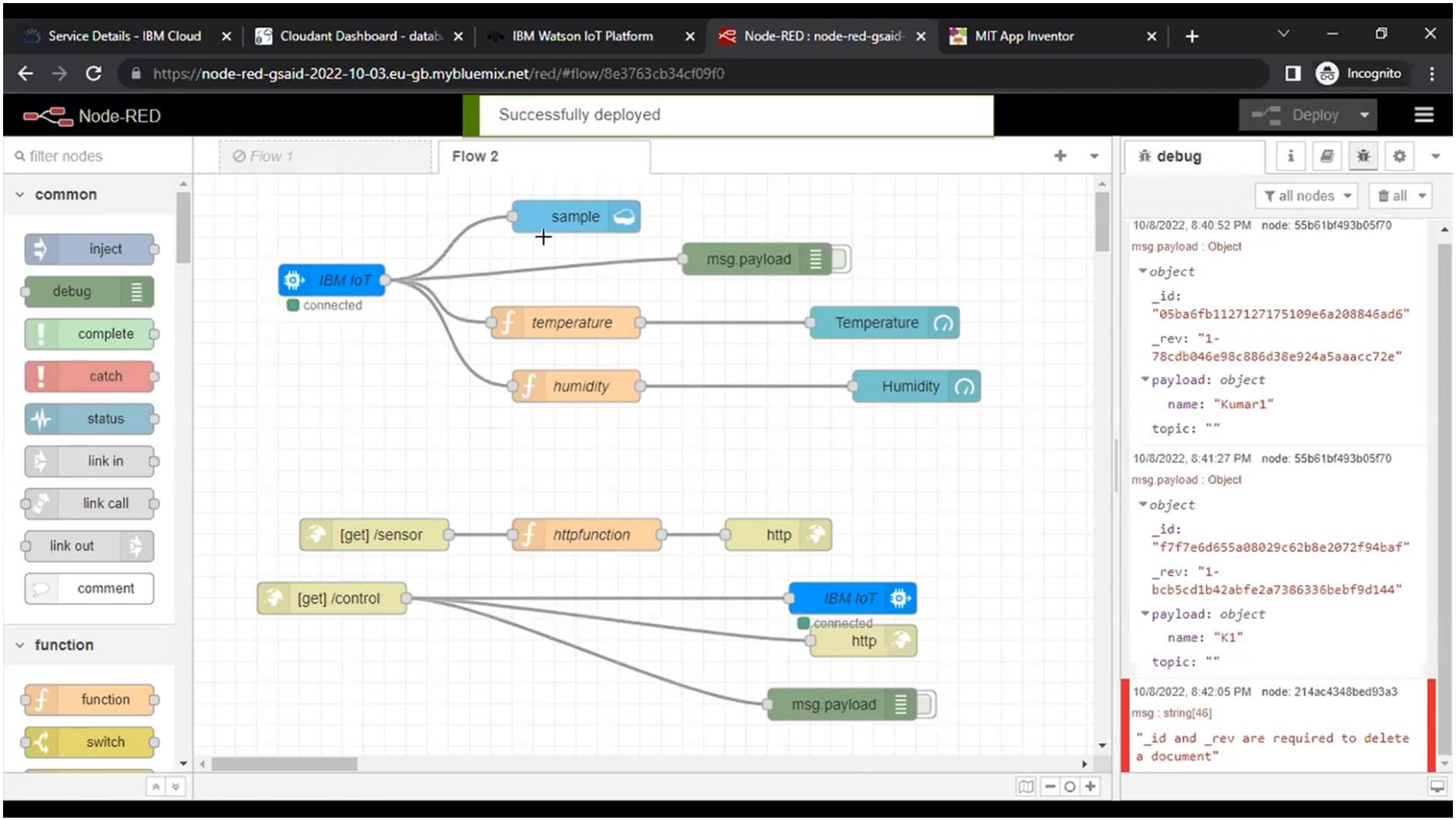


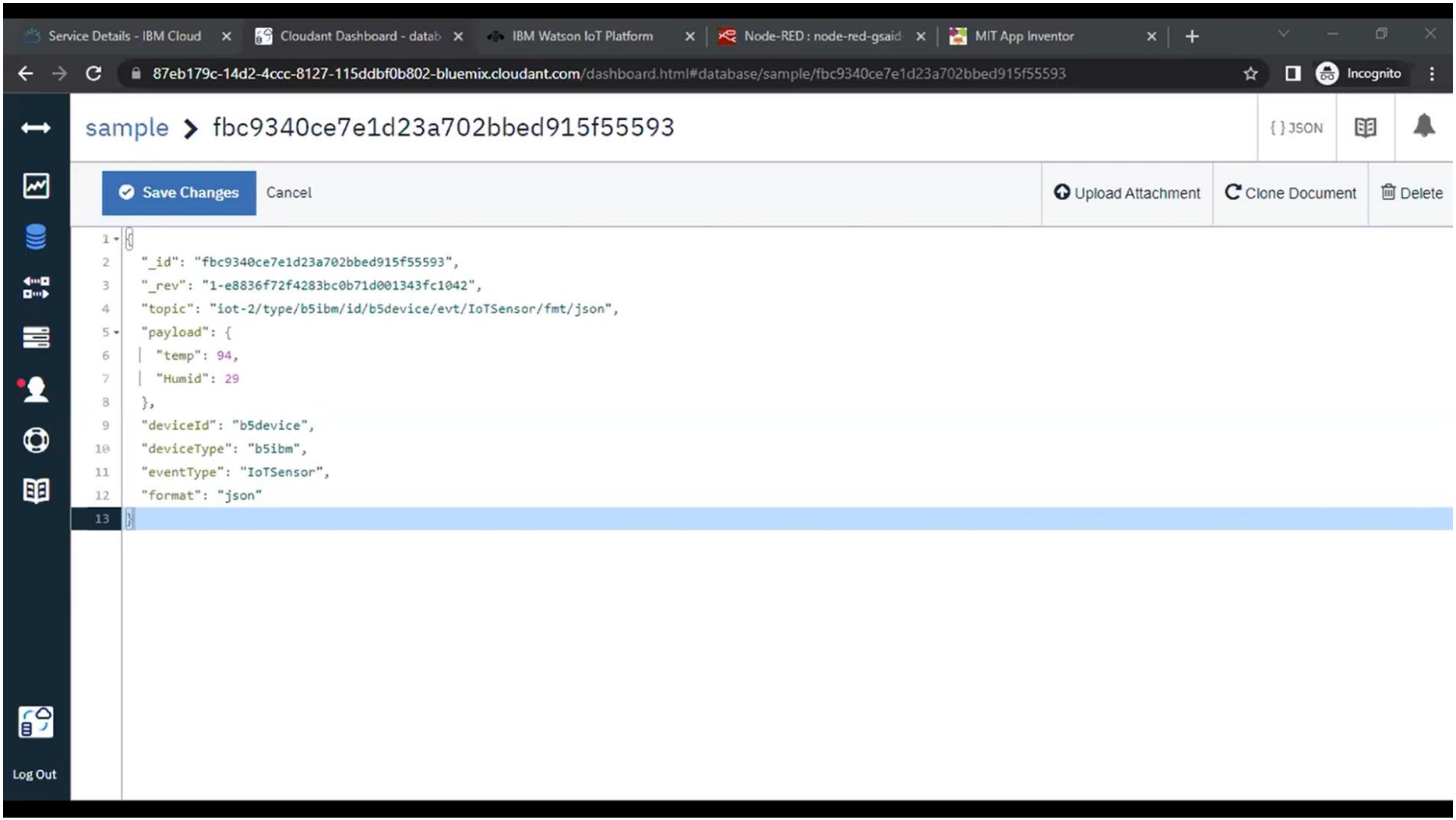
4.2 Attend the technology trainings as per the training calendar

IoT-B4-4M6E (Evening Session)-Day-12 (08.10.2022)




8:17
Screen1
weather monitoring and control
Temperature
27
Humidity
20
Light on
Light off


Service Details - IBM Cloud
Cloudant Dashboard - datab
IBM Watson IoT Platform
Node-RED : node-red-gsaid-
MIT App Inventor
https://node-red-gsaid-2022-10-03.eu-gb.mybluemix.net/red/#flow/8e3763cb34cf09f0
Incognito
Node-RED
Successfully deployed
Deploy
filter nodes
Flow 1
Flow 2
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
switch
sample
msg.payload
IBM IoT
connected
temperature
Temperature
humidity
Humidity
[get] /sensor
httpfunction
http
[get] /control
IBM IoT
connected
http
msg.payload
debug
all nodes
all
10/8/2022, 8:40:52 PM node: 55b61bf493b05f70
msg.payload : Object
object
_id: "05ba6fb1127127175109e6a208846ad6"
_rev: "1-78cdb046e98c886d38e924a5aaacc72e"
payload: object
name: "Kumar1"
topic: ""
10/8/2022, 8:41:27 PM node: 55b61bf493b05f70
msg.payload : Object
object
_id: "f7f7e6d655a08029c62b8e2072f94baf"
_rev: "1-bcb5cd1b42abfe2a7386336bebf9d144"
payload: object
name: "K1"
topic: ""
10/8/2022, 8:42:05 PM node: 214ac4348bed93a3
msg : string[46]
"_id and _rev are required to delete a document"


Service Details - IBM Cloud
Cloudant Dashboard - datab
IBM Watson IoT Platform
Node-RED : node-red-gsaid
MIT App Inventor
87eb179c-14d2-4ccc-8127-115ddbf0b802-bluemix.cloudant.com/dashboard.html#database/sample/fbc9340ce7e1d23a702bbed915f55593
Incognito
sample > fbc9340ce7e1d23a702bbed915f55593
{ } JSON
Save Changes
Cancel
Upload Attachment
Clone Document
Delete
{
"_id": "fbc9340ce7e1d23a702bbed915f55593",
"_rev": "1-e8836f72f4283bc0b71d001343fc1042",
"topic": "iot-2/type/b5ibm/id/b5device/evt/IoTSensor/fmt/json",
"payload": {
"temp": 94,
"Humid": 29
},
"deviceId": "b5device",
"deviceType": "b5ibm",
"eventType": "IoTSensor",
"format": "json"
}
Log Out