Assignment-4

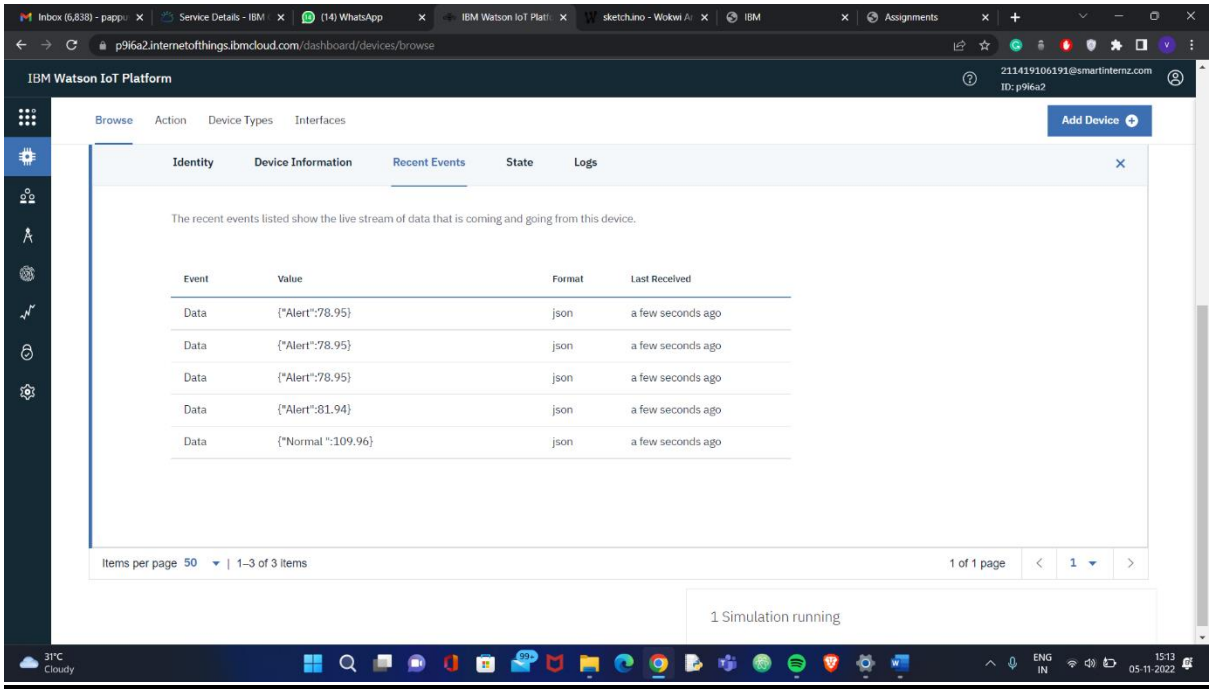
Date	04 November 2022
Team ID	PNT2022TMID01100
Project Name	Project - Signs with Smart Connectivity for Better Road Safety

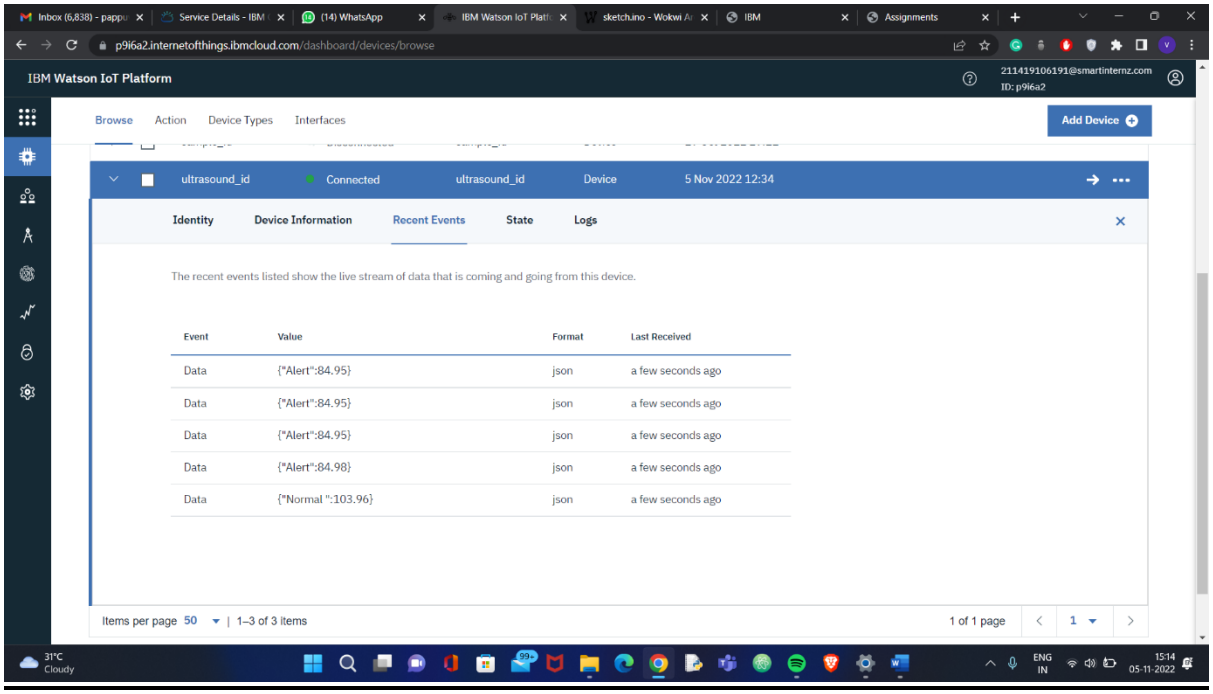
Problem:

Write code and connections in wokwi for the ultrasonic sensor. Whenever the distance is less than 100 cms send an "alert" to the IBM cloud and display in the device recent events. Upload document with wokwi share link and images of IBM cloud.

Wokwi Website Link: https://wokwi.com/projects/347473046108373588

Output:


IBM Watson IoT Platform
p9i6a2.internetofthings.ibmcloud.com/dashboard/devices/browse
211419106191@smartinternz.com
ID: p9i6a2
Browse
Action
Device Types
Interfaces
Add Device
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 {"Alert":78.95} json a few seconds ago
Data {"Alert":78.95} json a few seconds ago
Data {"Alert":78.95} json a few seconds ago
Data {"Alert":81.94} json a few seconds ago
Data {"Normal ":109.96} json a few seconds ago
Items per page 50 | 1–3 of 3 items
1 of 1 page
1 Simulation running


IBM Watson IoT Platform
p9i6a2.internetofthings.ibmcloud.com/dashboard/devices/browse
211419106191@smartinternz.com
ID: p9i6a2
Browse
Action
Device Types
Interfaces
Add Device
ultrasound_id
Connected
ultrasound_id
Device
5 Nov 2022 12:34
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 {"Alert":84.95} json a few seconds ago
Data {"Alert":84.95} json a few seconds ago
Data {"Alert":84.95} json a few seconds ago
Data {"Alert":84.98} json a few seconds ago
Data {"Normal ":103.96} json a few seconds ago
Items per page 50 | 1–3 of 3 items
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