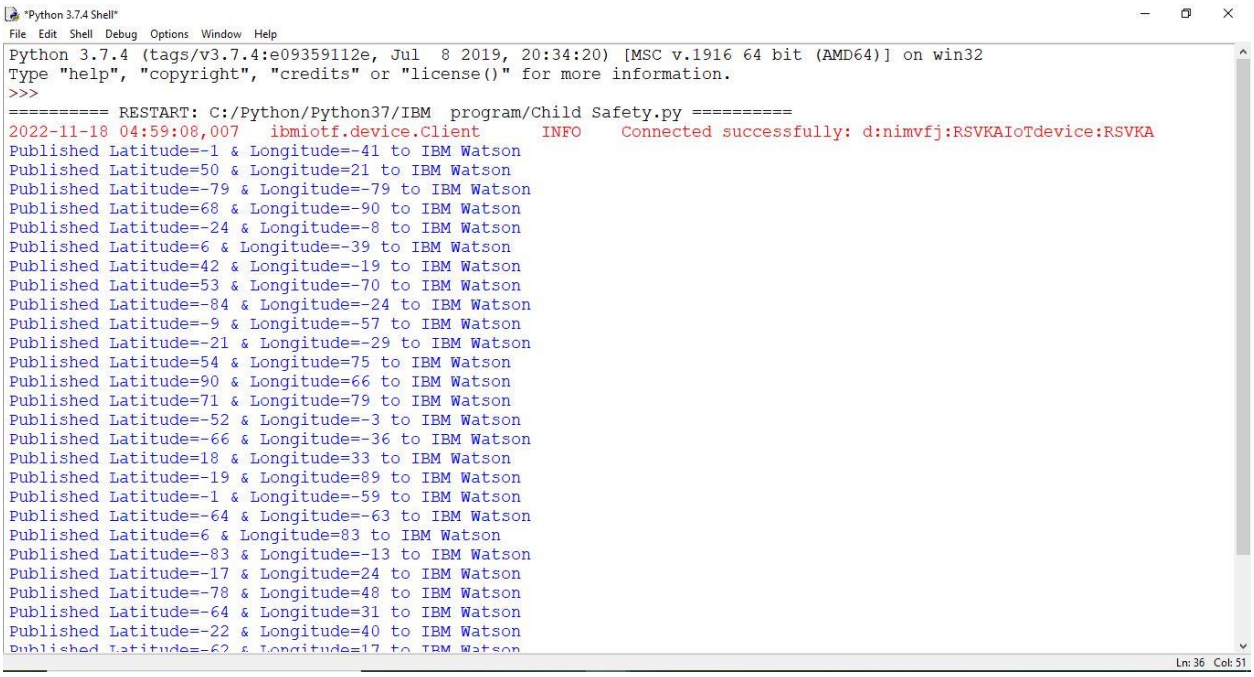
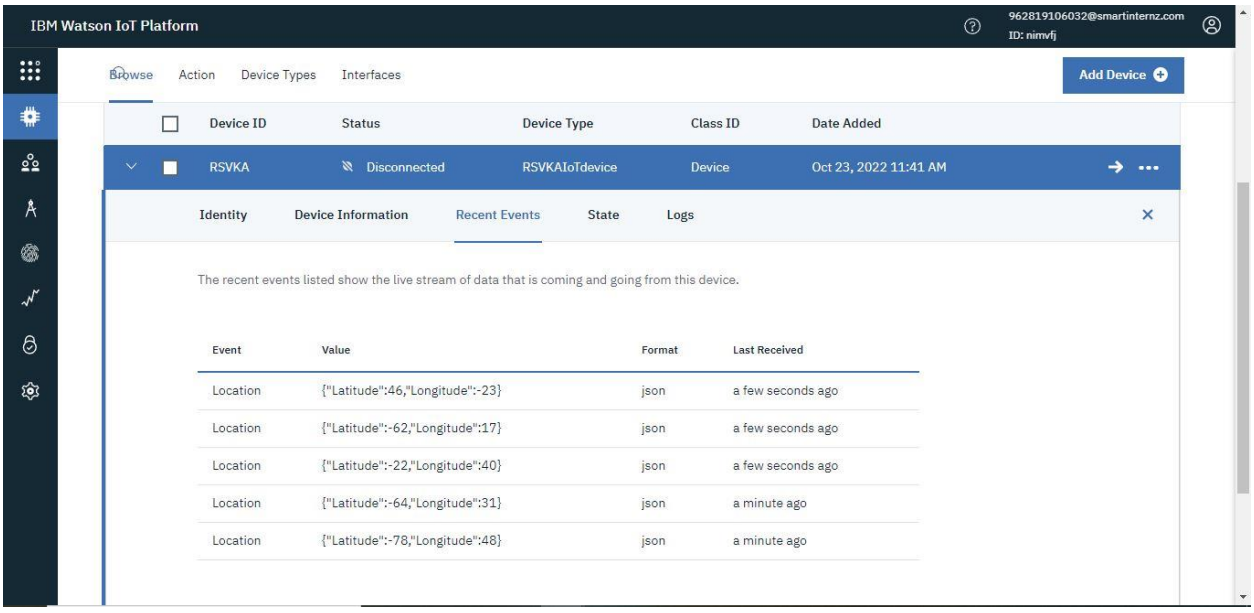
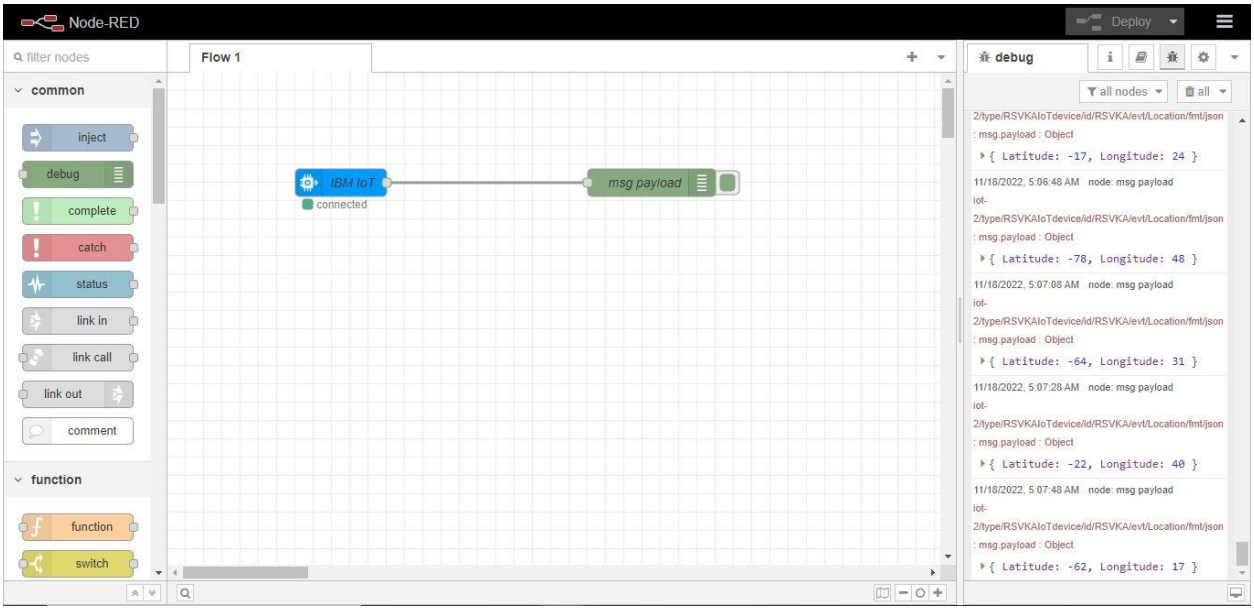
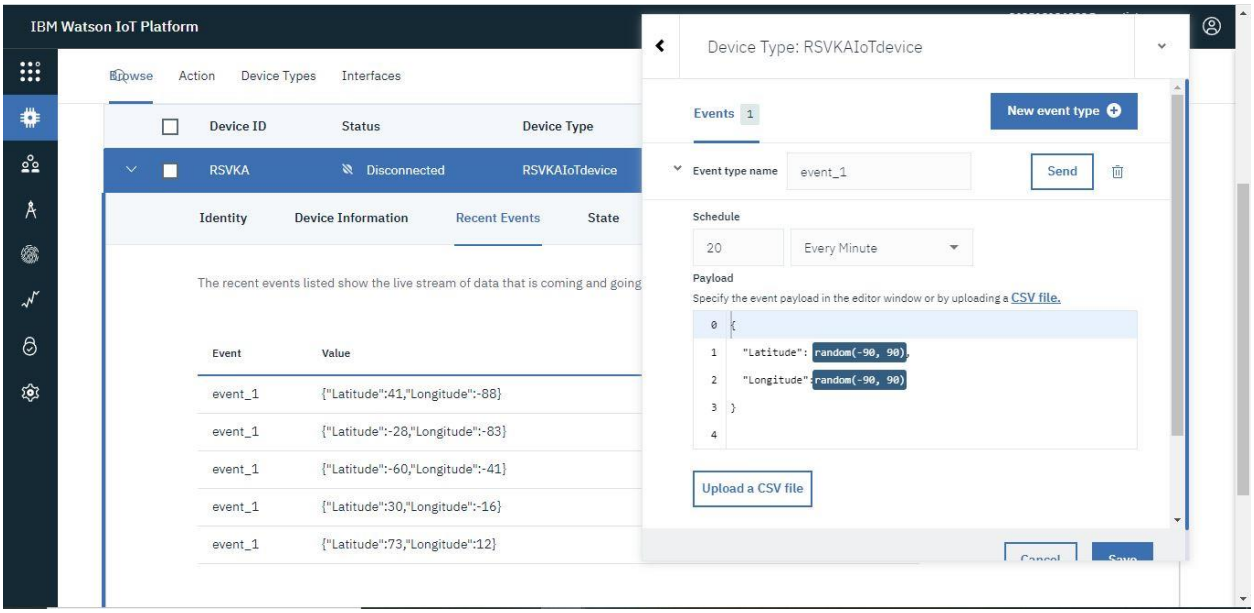
SPRINT – 1

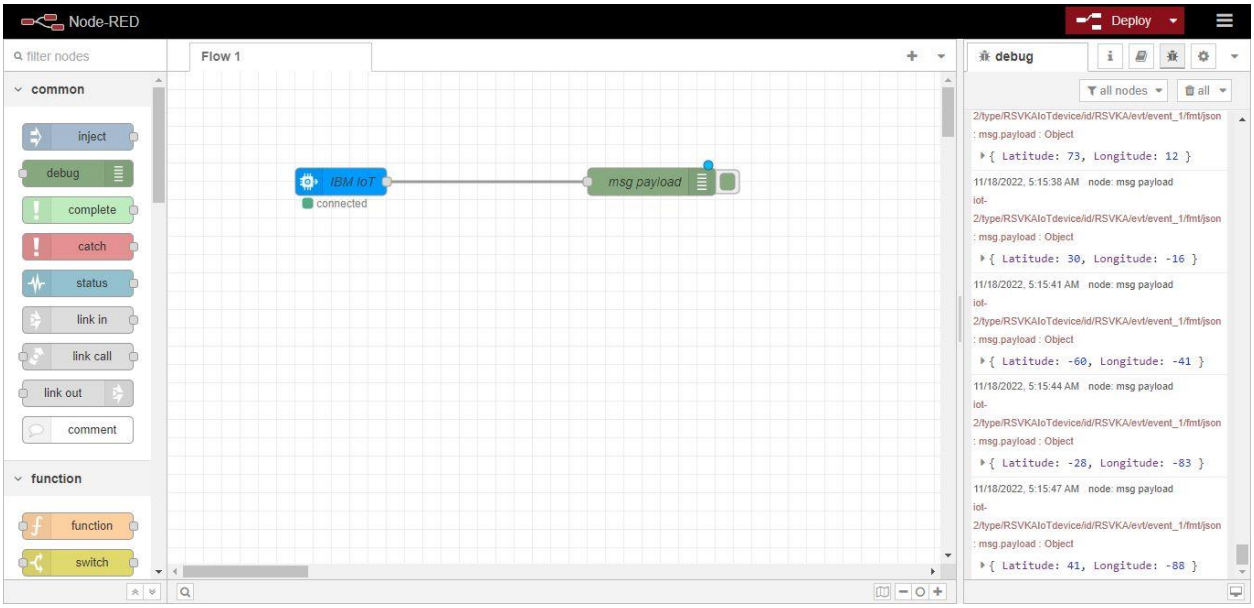
Team ID	PNT2022TMID34921
Project Name	IOT Based Safety Gadget for Child Safety Monitoring and Notification


Python 3.7.4 Shell
File Edit Shell Debug Options Window Help
Python 3.7.4 (tags/v3.7.4:e09359112e, Jul 8 2019, 20:34:20) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:/Python/Python37/IBM program/Child Safety.py ==========
2022-11-18 04:59:08,007 ibmiotf.device.Client INFO Connected successfully: d:nimvfj:RSVKAIoTdevice:RSVKA
Published Latitude=-1 & Longitude=-41 to IBM Watson
Published Latitude=50 & Longitude=21 to IBM Watson
Published Latitude=-79 & Longitude=-79 to IBM Watson
Published Latitude=68 & Longitude=-90 to IBM Watson
Published Latitude=-24 & Longitude=-8 to IBM Watson
Published Latitude=6 & Longitude=-39 to IBM Watson
Published Latitude=42 & Longitude=-19 to IBM Watson
Published Latitude=53 & Longitude=-70 to IBM Watson
Published Latitude=-84 & Longitude=-24 to IBM Watson
Published Latitude=-9 & Longitude=-57 to IBM Watson
Published Latitude=-21 & Longitude=-29 to IBM Watson
Published Latitude=54 & Longitude=75 to IBM Watson
Published Latitude=90 & Longitude=66 to IBM Watson
Published Latitude=71 & Longitude=79 to IBM Watson
Published Latitude=-52 & Longitude=-3 to IBM Watson
Published Latitude=-66 & Longitude=-36 to IBM Watson
Published Latitude=18 & Longitude=33 to IBM Watson
Published Latitude=-19 & Longitude=89 to IBM Watson
Published Latitude=-1 & Longitude=-59 to IBM Watson
Published Latitude=-64 & Longitude=-63 to IBM Watson
Published Latitude=6 & Longitude=83 to IBM Watson
Published Latitude=-83 & Longitude=-13 to IBM Watson
Published Latitude=-17 & Longitude=24 to IBM Watson
Published Latitude=-78 & Longitude=48 to IBM Watson
Published Latitude=-64 & Longitude=31 to IBM Watson
Published Latitude=-22 & Longitude=40 to IBM Watson
Ln: 36 Col: 51


IBM Watson IoT Platform
962819106032@smartinternz.com
ID: nimvfj
Browse
Action
Device Types
Interfaces
Add Device
Device ID
Status
Device Type
Class ID
Date Added
RSVKA
Disconnected
RSVKAIoTdevice
Device
Oct 23, 2022 11:41 AM
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
Location
{"Latitude":46,"Longitude":-23}
json
a few seconds ago
Location
{"Latitude":-62,"Longitude":17}
json
a few seconds ago
Location
{"Latitude":-22,"Longitude":40}
json
a few seconds ago
Location
{"Latitude":-64,"Longitude":31}
json
a minute ago
Location
{"Latitude":-78,"Longitude":48}
json
a minute ago


Node-RED
Deploy
filter nodes
Flow 1
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
switch
IBM IoT
connected
msg payload
debug
all nodes
all
2/type/RSVKAIoTdevice/id/RSVKA/evt/Location/fmt/json
: msg.payload : Object
{ Latitude: -17, Longitude: 24 }
11/18/2022, 5:06:48 AM node: msg payload
iot-
2/type/RSVKAIoTdevice/id/RSVKA/evt/Location/fmt/json
: msg.payload : Object
{ Latitude: -78, Longitude: 48 }
11/18/2022, 5:07:08 AM node: msg payload
iot-
2/type/RSVKAIoTdevice/id/RSVKA/evt/Location/fmt/json
: msg.payload : Object
{ Latitude: -64, Longitude: 31 }
11/18/2022, 5:07:28 AM node: msg payload
iot-
2/type/RSVKAIoTdevice/id/RSVKA/evt/Location/fmt/json
: msg.payload : Object
{ Latitude: -22, Longitude: 40 }
11/18/2022, 5:07:48 AM node: msg payload
iot-
2/type/RSVKAIoTdevice/id/RSVKA/evt/Location/fmt/json
: msg.payload : Object
{ Latitude: -62, Longitude: 17 }


IBM Watson IoT Platform
Browse
Action
Device Types
Interfaces
Device ID
Status
Device Type
RSVKA
Disconnected
RSVKAIoTdevice
Identity
Device Information
Recent Events
State
The recent events listed show the live stream of data that is coming and going
Event
Value
event_1
{"Latitude":41,"Longitude":-88}
event_1
{"Latitude":-28,"Longitude":-83}
event_1
{"Latitude":-60,"Longitude":-41}
event_1
{"Latitude":30,"Longitude":-16}
event_1
{"Latitude":73,"Longitude":12}
Device Type: RSVKAIoTdevice
Events 1
New event type
Event type name
event_1
Send
Schedule
20
Every Minute
Payload
Specify the event payload in the editor window or by uploading a CSV file.
{
"Latitude": random(-90, 90),
"Longitude": random(-90, 90)
}
Upload a CSV file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IBM IoT
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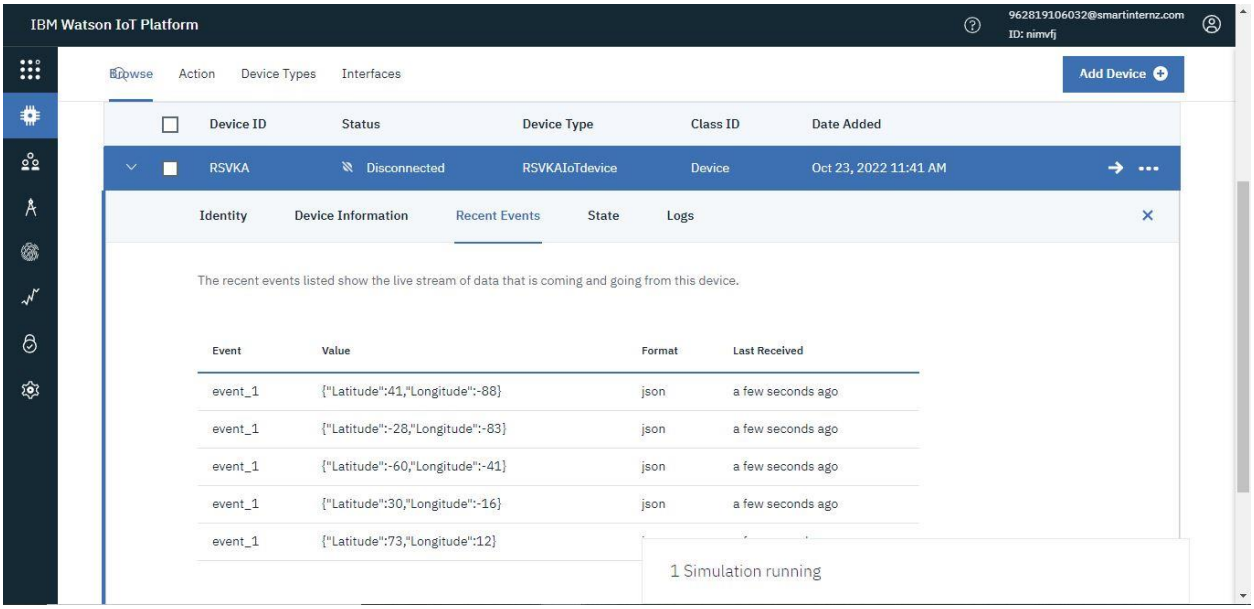
msg payload
debug
all nodes
all
2/type/RSVKAIoTdevice/id/RSVKA/evt/event_1/fmt/json
: msg.payload : Object
{ Latitude: 73, Longitude: 12 }
11/18/2022, 5:15:38 AM node: msg payload
iot-
2/type/RSVKAIoTdevice/id/RSVKA/evt/event_1/fmt/json
: msg.payload : Object
{ Latitude: 30, Longitude: -16 }
11/18/2022, 5:15:41 AM node: msg payload
iot-
2/type/RSVKAIoTdevice/id/RSVKA/evt/event_1/fmt/json
: msg.payload : Object
{ Latitude: -60, Longitude: -41 }
11/18/2022, 5:15:44 AM node: msg payload
iot-
2/type/RSVKAIoTdevice/id/RSVKA/evt/event_1/fmt/json
: msg.payload : Object
{ Latitude: -28, Longitude: -83 }
11/18/2022, 5:15:47 AM node: msg payload
iot-
2/type/RSVKAIoTdevice/id/RSVKA/evt/event_1/fmt/json
: msg.payload : Object
{ Latitude: 41, Longitude: -88 }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1 Simulation running