

Project Development - Delivery Of Sprint-3

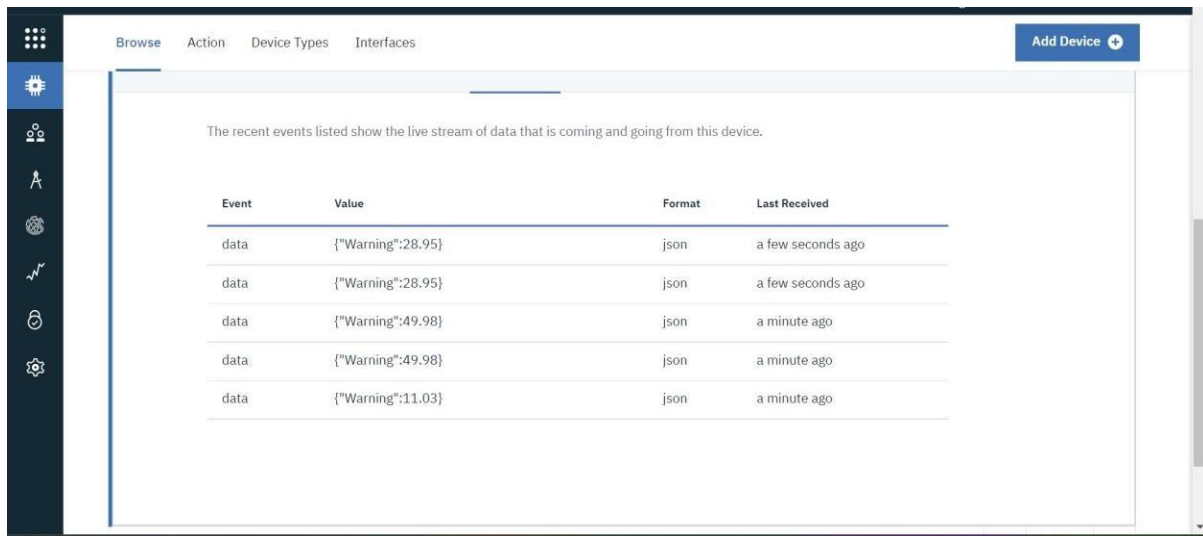
Date	14 November 2022
Team ID	PNT2022TMID39165
Project Name	IoT Based Safety Gadget for Child Safety Monitoring & Notification

IoT Device – Watson communication

The data from IoT device should reach IBM Cloud

The screenshot displays the IBM Watson IoT Platform interface. The main heading is 'Browse Devices'. Below it, there are tabs for 'All Devices' and 'Diagnose'. A message states: 'This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.' Below this is a search bar labeled 'Search by Device ID'. To the right of the search bar is a 'Device Simulator' toggle switch. The table below has columns: Device ID, Status, Device Type, Class ID, Date Added, and Descriptive Location. The table contains one row with the following data: Device ID 12345, Status Disconnected, Device Type NodeMCU, Class ID Device, Date Added Nov 14, 2022 7:59 PM, and Descriptive Location. At the bottom of the table, it says 'Items per page 50 | 1-1 of 1 item' and '1 of 1 page'.

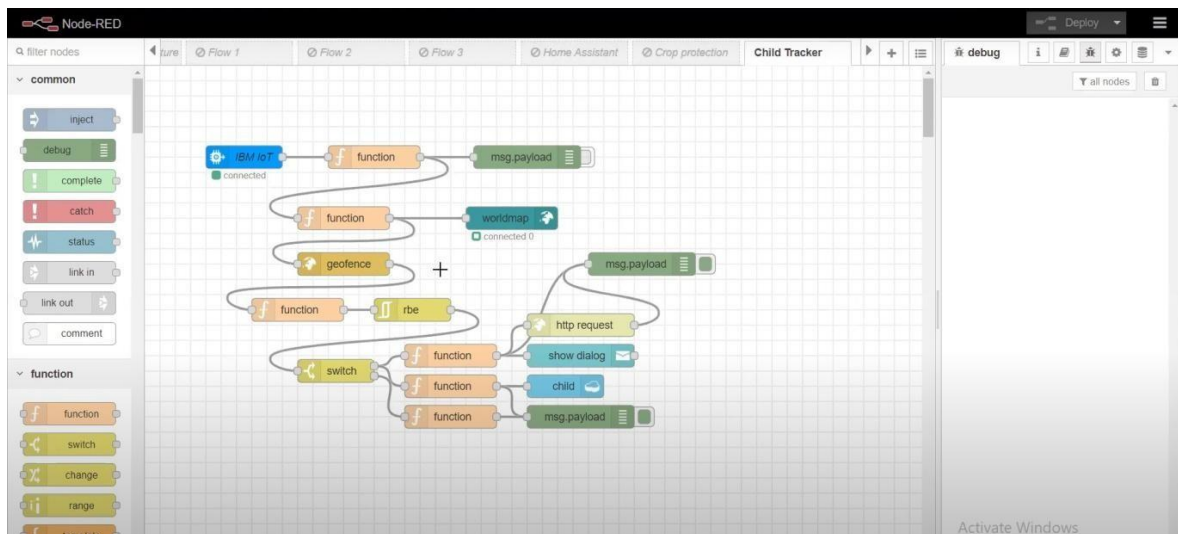
Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
12345	Disconnected	NodeMCU	Device	Nov 14, 2022 7:59 PM	

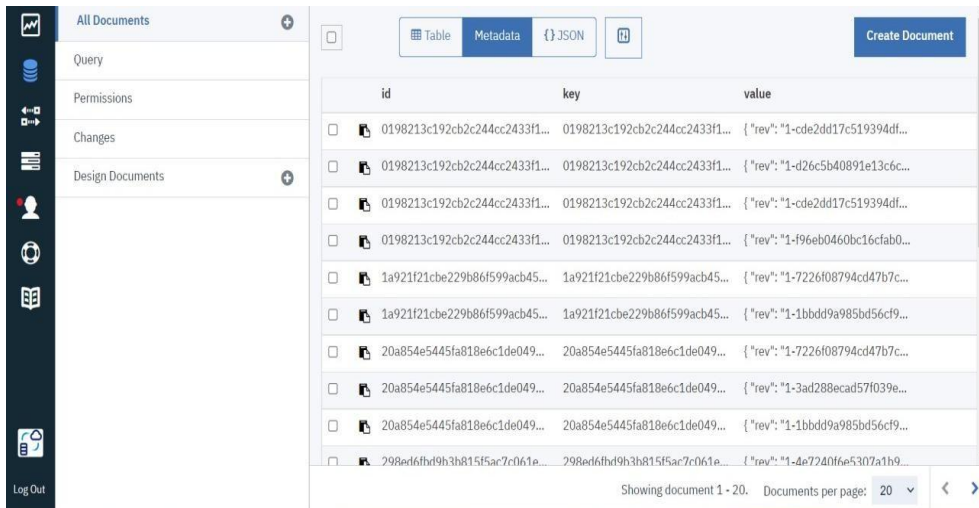


The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
data	{"Warning":28.95}	json	a few seconds ago
data	{"Warning":28.95}	json	a few seconds ago
data	{"Warning":49.98}	json	a minute ago
data	{"Warning":49.98}	json	a minute ago
data	{"Warning":11.03}	json	a minute ago

NODE RED-CLOUDANTDB COMMUNICATION:





The screenshot displays the IBM Cloud Design Center interface. On the left is a dark sidebar with navigation icons and a 'Log Out' button at the bottom. The main area is titled 'All Documents' and contains a table of documents. The table has columns for 'id', 'key', and 'value'. Each row represents a document with a unique ID and key, and a JSON value. The interface includes a top navigation bar with tabs for 'Table', 'Metadata', and 'JSON', and a 'Create Document' button. At the bottom, it shows 'Showing document 1 - 20' and 'Documents per page: 20'.

id	key	value
0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-cde2dd17c519394df...
0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-d26c5b40891e13c6c...
0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-cde2dd17c519394df...
0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-f96eb0460bc16cfab0...
1a921f21cbe229b86f599acb45...	1a921f21cbe229b86f599acb45...	{ "rev": "1-7226f08794cd47b7c...
1a921f21cbe229b86f599acb45...	1a921f21cbe229b86f599acb45...	{ "rev": "1-1bbdd9a985bd56cf9...
20a854e5445fa818e6c1de049...	20a854e5445fa818e6c1de049...	{ "rev": "1-7226f08794cd47b7c...
20a854e5445fa818e6c1de049...	20a854e5445fa818e6c1de049...	{ "rev": "1-3ad288ecad57f039e...
20a854e5445fa818e6c1de049...	20a854e5445fa818e6c1de049...	{ "rev": "1-1bbdd9a985bd56cf9...
298ed6fbd9b3b815f5ac7c061e...	298ed6fbd9b3b815f5ac7c061e...	{ "rev": "1-4e7240f6e5307a1b9...

RESULT: The data stored in IBM Cloud should be properly integrated with Cloudant DB