

# PROJECT DEVELOPMENT

## DELIVERY OF SPRINT-3

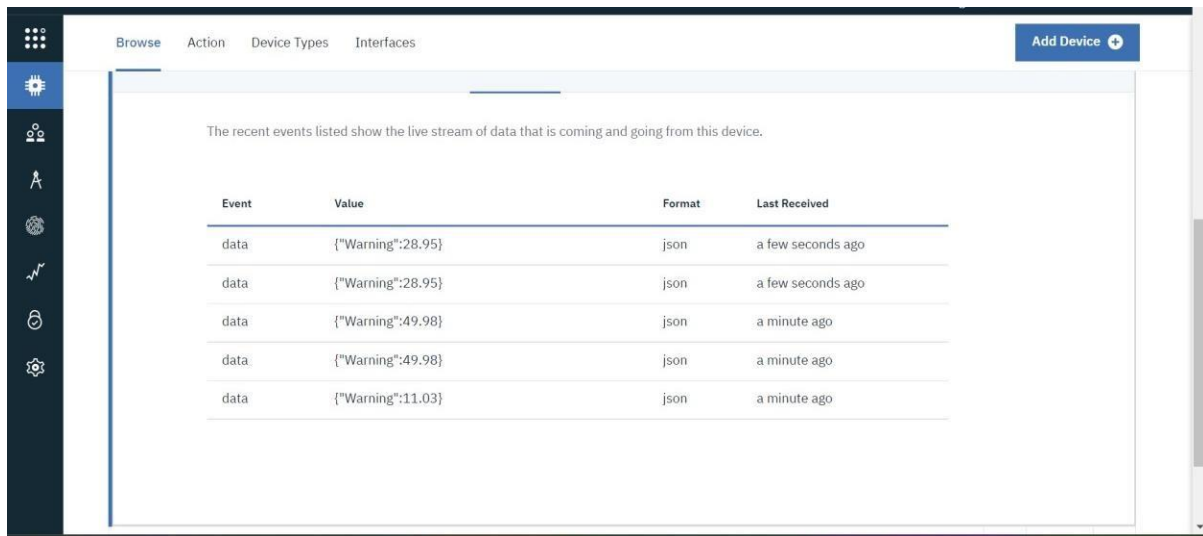
Date	17-11-2022
Team ID	PNT2022TMID51175
ProjectName	Project-IoT Based Safety Gadget For Child Safety Monitoring & Notification
MaximumMarks	

## IOT DEVICE – WATSON COMMUNICATION

The data from IoT device should reach IBM Cloud

The screenshot shows the 'Browse Devices' page in the IBM Watson IoT Platform. The interface includes a sidebar with navigation icons, a top navigation bar with tabs for 'Browse', 'Action', 'Device Types', and 'Interfaces', and an 'Add Device' button. The main content area is titled 'Browse Devices' and contains a 'Diagnose' button. Below this, a text block explains that the table shows a summary of all devices added and can be filtered or searched. A search bar labeled 'Search by Device ID' is present. A table lists the devices, with one device shown: ID 12345, Status 'Disconnected', Device Type 'NodeMCU', Class ID 'Device', and Date Added 'Nov 14, 2022 7:59 PM'. The table has columns for Device ID, Status, Device Type, Class ID, Date Added, and Descriptive Location. At the bottom, there is a pagination control showing '1 of 1 page' and '1' items per page.

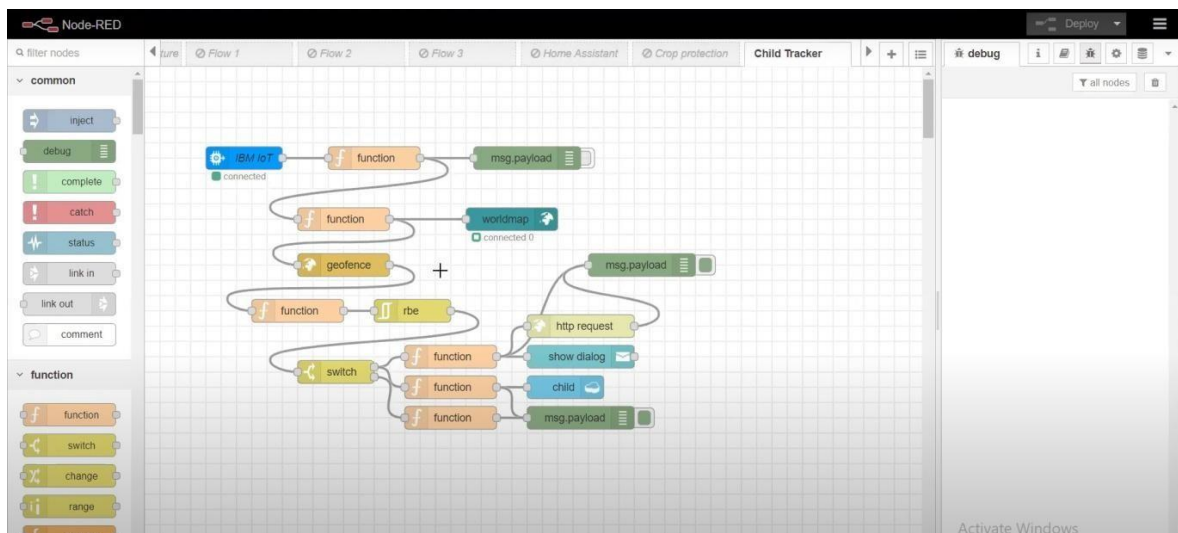
Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
12345	Disconnected	NodeMCU	Device	Nov 14, 2022 7:59 PM	



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:





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..." }
298ed6fhd9b3b815f5ac7c061e...	298ed6fhd9b3b815f5ac7c061e...	{ "rev": "1-4e7240f6e5307a1b9..." }

Showing document 1 - 20. Documents per page: 20

RESULT:

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