

Project Development - Delivery Of Sprint-3

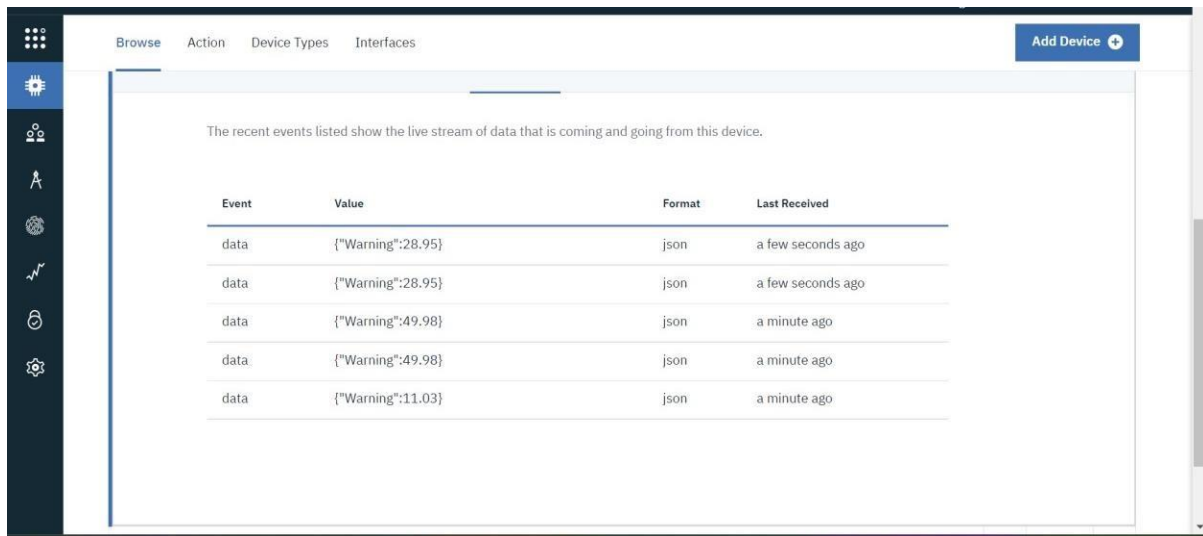
Date	14-11-2022
Team ID	PNT2022TMID19127
ProjectName	Project-IoT Based Safety Gadget For Child Safety Monitoring & Notification
MaximumMarks	

IoT Device – Watson communication

The data from IoT device should reach IBM Cloud

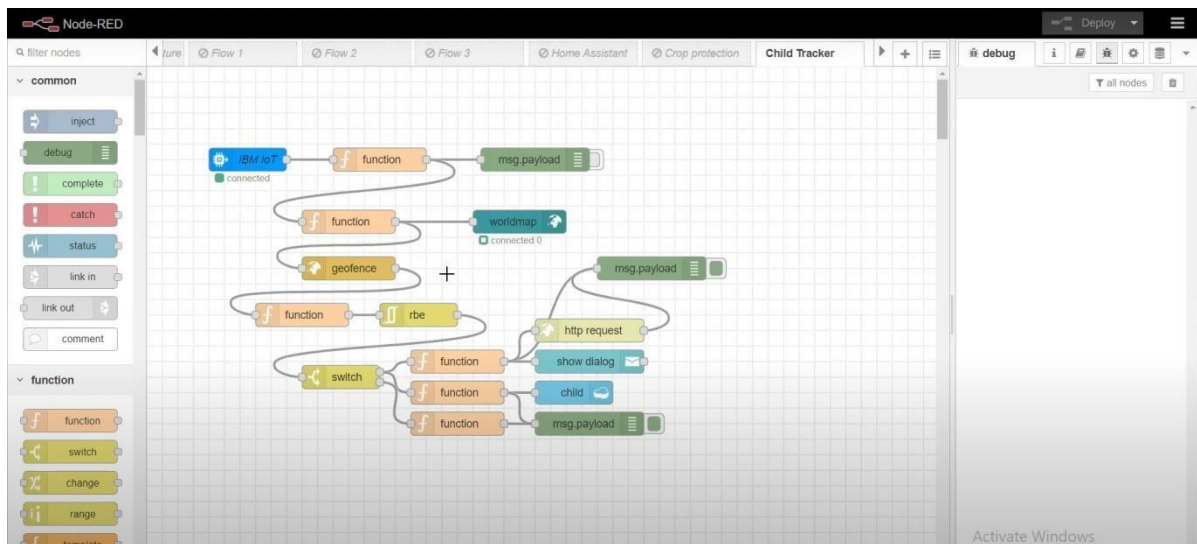
The screenshot shows the IBM Watson IoT Platform dashboard. The main heading is "Browse Devices". Below it, there are two tabs: "All Devices" (selected) and "Diagnose". A message states: "This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using 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." and a "Device Simulator" toggle. The table has the following columns: Device ID, Status, Device Type, Class ID, Date Added, and Descriptive Location. The table contains one row: Device ID 12345, Status Disconnected, Device Type NodeMCU, Class ID Device, Date Added Nov 14, 2022 7:59 PM. At the bottom, there is a pagination bar showing "Items per page 50" and "1 of 1 page".

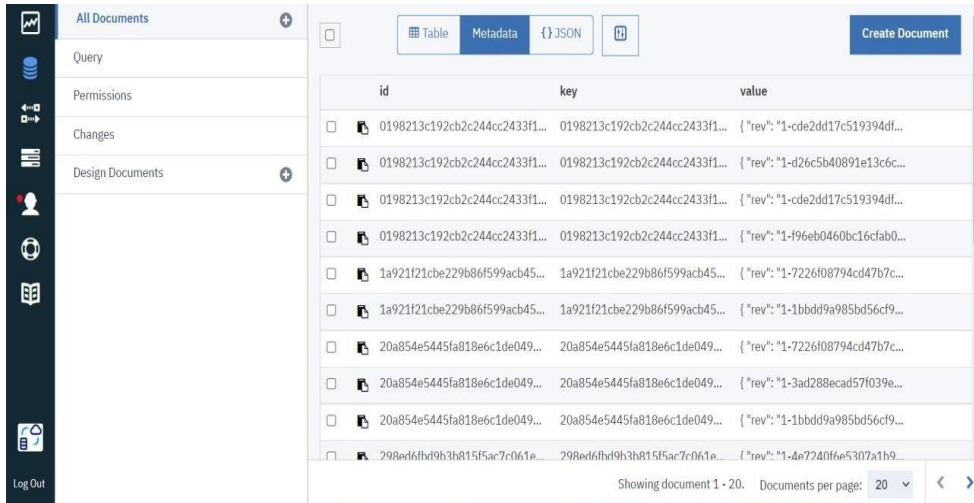
Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
12345	Disconnected	NodeMCU	Device	Nov 14, 2022 7:59 PM	













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 Cloudant web interface. On the left is a dark sidebar with navigation icons and a 'Log Out' button at the bottom. The main content area is divided into a left-hand menu with options like 'All Documents', 'Query', 'Permissions', 'Changes', and 'Design Documents', and a central table view. The table has three columns: 'id', 'key', and 'value'. It lists 20 documents, each with a checkbox, a document icon, and truncated IDs, keys, and JSON values. At the top right of the table area are tabs for 'Table', 'Metadata', and 'JSON', along with a 'Create Document' button. At the bottom right, it indicates 'Showing document 1 - 20' and 'Documents per page: 20'.

	id	key	value
<input type="checkbox"/>	 0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{"rev": "1-cde2dd17c519394df..."}
<input type="checkbox"/>	 0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{"rev": "1-d26c5b40891e13c6c..."}
<input type="checkbox"/>	 0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{"rev": "1-cde2dd17c519394df..."}
<input type="checkbox"/>	 0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{"rev": "1-f96eb0460bc16cfab0..."}
<input type="checkbox"/>	 1a921f21cbe229b86f599acb45...	1a921f21cbe229b86f599acb45...	{"rev": "1-7226f08794cd47b7c..."}
<input type="checkbox"/>	 1a921f21cbe229b86f599acb45...	1a921f21cbe229b86f599acb45...	{"rev": "1-1bbdd9a985bd56cf9..."}
<input type="checkbox"/>	 20a854e5445fa818e6c1de049...	20a854e5445fa818e6c1de049...	{"rev": "1-7226f08794cd47b7c..."}
<input type="checkbox"/>	 20a854e5445fa818e6c1de049...	20a854e5445fa818e6c1de049...	{"rev": "1-3ad288ecad57f039e..."}
<input type="checkbox"/>	 20a854e5445fa818e6c1de049...	20a854e5445fa818e6c1de049...	{"rev": "1-1bbdd9a985bd56cf9..."}
<input type="checkbox"/>	 298ed6f6d9b3b815f5ac7c061e...	298ed6f6d9b3b815f5ac7c061e...	{"rev": "1-de7240f6e5307a1h9..."}

RESULT:The data stored in IBM Cloud should be properlyintegrated with Cloudbant DB