

PROJECT DEVELOPMENT PHASE

SPRINT-3

Date	1 September 2022
Team ID	PNT2022TMID48274
Project Name	IoT Based Safety Gadget for Child Safety Monitoring and Notification.

Cloudant-database:

The IBM Watson output will be stored in the cloudant database with the help of API key token,

The screenshot displays the IBM Watson IoT Platform interface. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A sidebar on the left contains various icons for device management. The main content area shows details for a device named 'ESP32_1', which is currently 'Disconnected'. The 'Recent Events' tab is selected, showing a table of events. The table has columns for 'Event', 'Value', 'Format', and 'Last Received'. The events listed are 'event_2' and 'event_3' with values like '{\"Pulse Alert\":88}' and '{\"Temperature Alert\":96}'. A status bar at the bottom indicates '2 Simulations running'.

Event	Value	Format	Last Received
event_2	{\"Pulse Alert\":88}	json	a few seconds ago
event_3	{\"Temperature Alert\":96}	json	a few seconds ago
event_2	{\"Pulse Alert\":92}	json	a few seconds ago
event_3	{\"Temperature Alert\":99}	json	a few seconds ago
event_2	{\"Pulse Alert\":94}		

The resultant values will be stored in the database, what we created in the cloudant db.

Resource list

Name	Group	Location	Product	Status	Tags
node-red-pwihac-2022--cloudant-1665593141080	Default	Sydney	Cloudant	Active	-

Click the database what we connect to the IBM Watson account.

Databases

Name	Size	# of Docs	Partitioned	Actions
demo	0 bytes	0	No	[Icons]
meowman	0.9 KB	10	No	[Icons]
nodered	23.4 KB	4	No	[Icons]

The data values will be stored in the database.

The screenshot shows the Cloudant dashboard for a database named 'meowman'. The interface includes a sidebar with navigation options: All Documents, Query, Permissions, Changes, and Design Documents. The main area displays a table view of documents. The table has columns for _id, _rev, Temperature, Location, and Pulse rate. The data is as follows:

_id	_rev	Temperature	Location	Pulse rate
0850c6867b94...	1-6a5f358f943...	95	ON	75
0d9a994812f44...	1-066738bb1b6...	98	OFF	76
29c289599b24...	1-206673f1142...	94	OFF	76
7f40c51da82f1...	1-183529d166...	92	OFF	78
7f40c51da82f1...	1-37bb37676bc...	97	OFF	73
8762f10e73c85...	1-175223b239f...	98	ON	79
d326bbf2caf81...	2-96209950a0d...	99	OFF	74
d81457220425...	1-a072253998f...	96	ON	74
d81457220425...	1-a072253998f...	96	ON	74
doc1	2-ca6356d1be5...			

At the bottom, it indicates 'Showing 5 of 12 columns.' and 'Showing document 1 - 10. Documents per page: 20'.

The json format values will be shown:

The screenshot shows the Cloudant dashboard for the same 'meowman' database, but with the 'JSON' view selected. It displays the raw JSON data for two documents. The first document is:

```
{
  "id": "0850c6867b9474eac96f839dd80161d0",
  "key": "0850c6867b9474eac96f839dd80161d0",
  "value": {
    "_rev": "1-6a5f358f943dbb04c2064f40f3140330"
  },
  "doc": {
    "_id": "0850c6867b9474eac96f839dd80161d0",
    "_rev": "1-6a5f358f943dbb04c2064f40f3140330",
    "Name": "Ranya",
    "Age": "7",
    "Gender": "Female",
    "Temperature": "95",
    "Pulse rate": "75",
    "Location": "ON"
  }
}
```

The second document is partially visible below it.

