

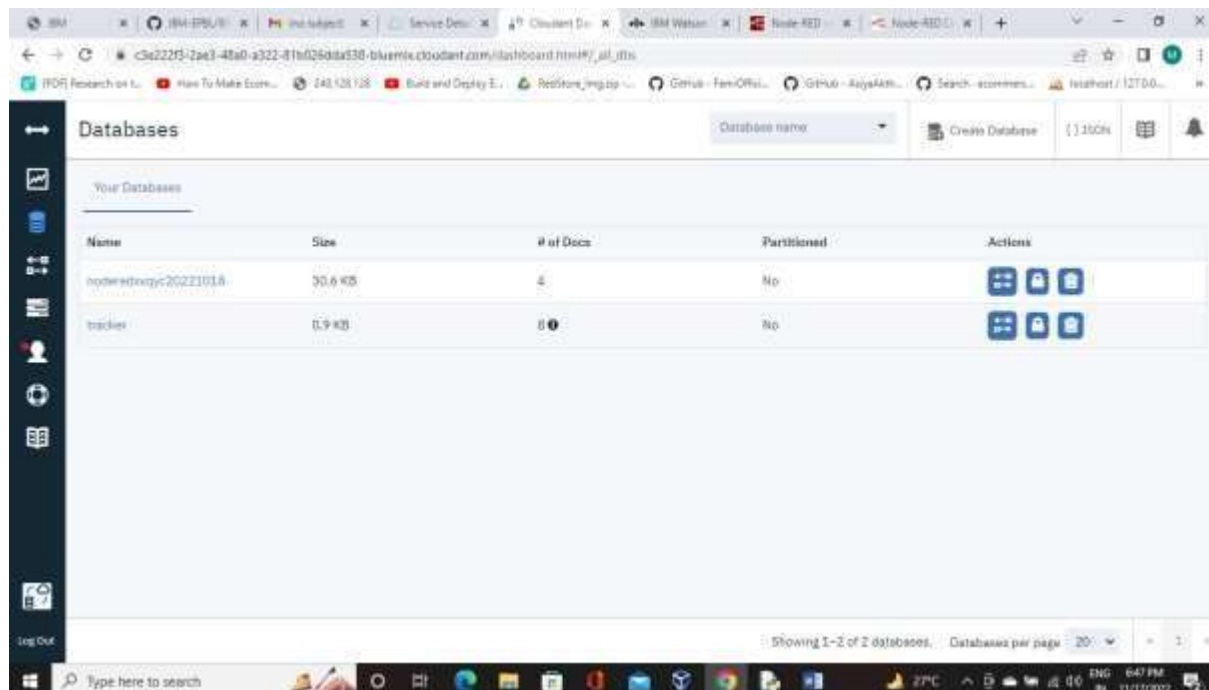
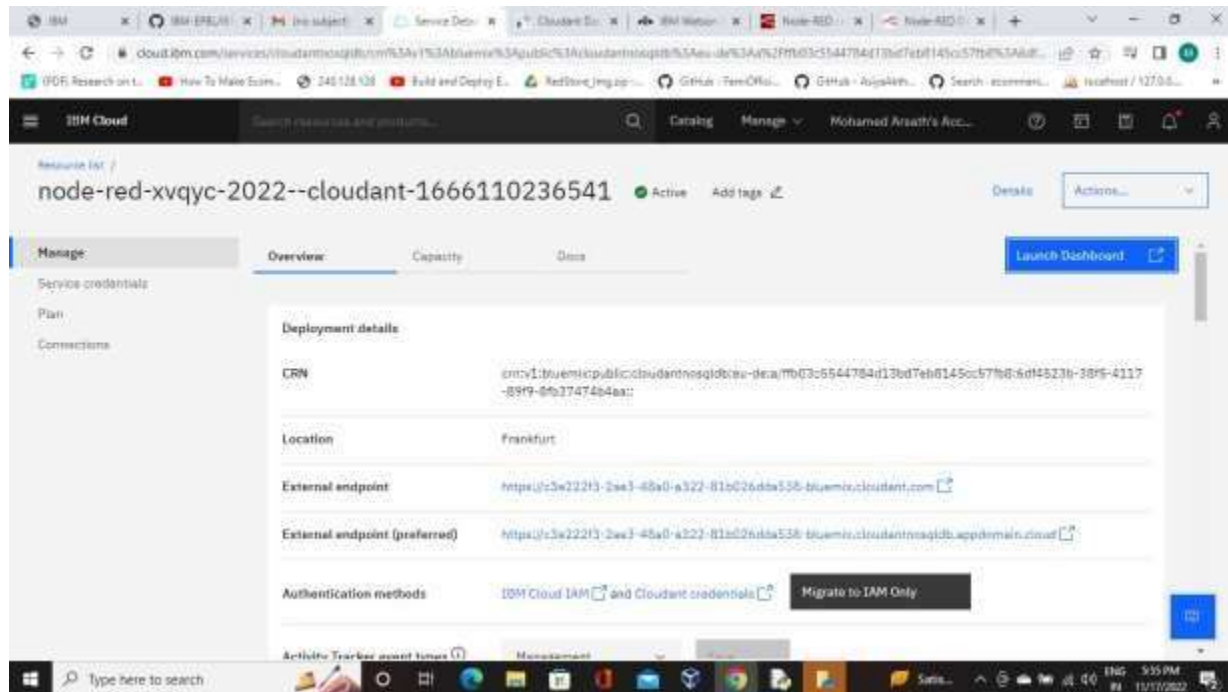
Project Development – Sprint 4

Iot Based Safety For Child Safety Monitoring & Notification

TEAM ID: PNT2022TMID20307

Creating Cloudant DB and integrating Node-Red with the Web UI

Create Cloudant DB:



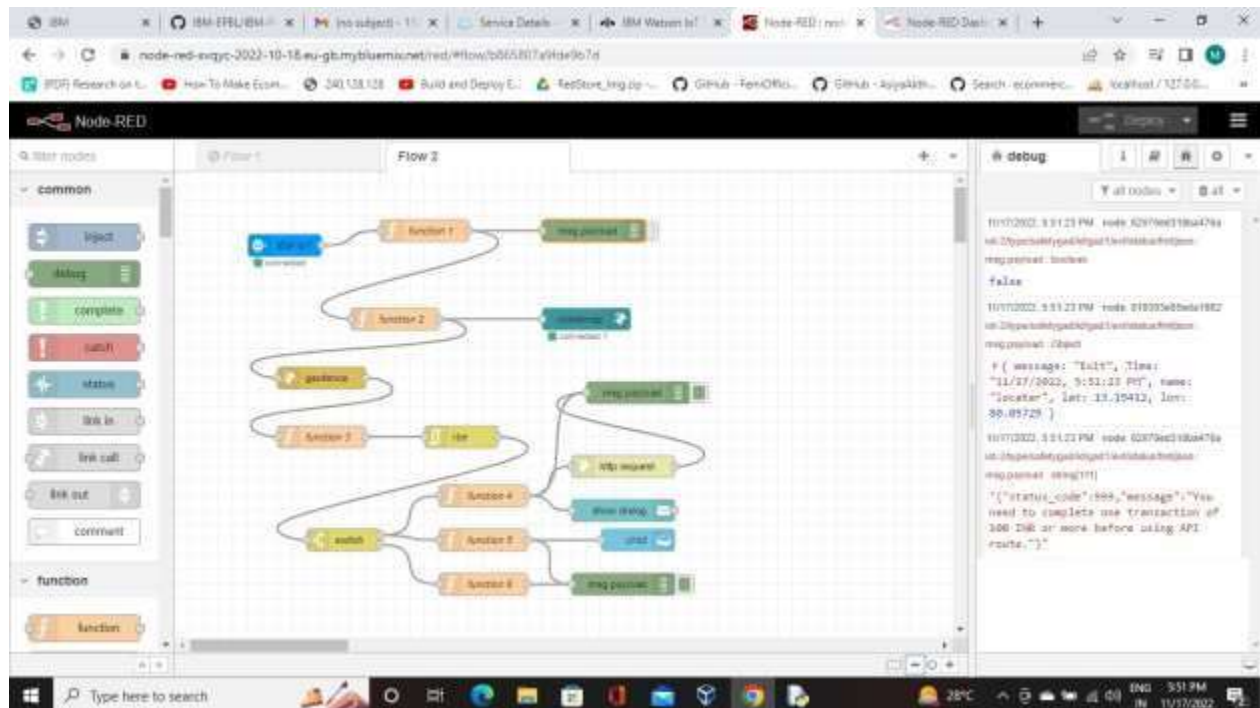
The screenshot shows the IBM Cloudant dashboard for a database named 'tracker'. The interface includes a sidebar with navigation options like 'All Documents', 'Query', 'Permissions', 'Changes', and 'Design Documents'. The main area displays a table of documents with columns 'id', 'key', and 'value'. The table contains 8 documents, each with a unique ID and a JSON value. The bottom of the screen shows a Windows taskbar with various application icons and system information.

id	key	value
243c8d3c82321d9d52d973b3850c5...	243c8d3c82321d9d52d973b3850c5...	{ "rev": "1-3be28f381381cb71781bb8..." }
3c5831168a309478f6593271ee47a3	3c5831168a309478f6593271ee47a3	{ "rev": "1-d29f8b3aad06ac3dbc505ae6..." }
4cc89929b02f4c89953dwe2b22a93...	4cc89929b02f4c89953dwe2b22a93...	{ "rev": "1-8b8c15522b93488c03e80..." }
4e1c9642039a888de745618b166f8...	4e1c9642039a888de745618b166f8...	{ "rev": "1-acc85b0e78a9127c524ca..." }
59701335fb58f8a32a115d07cc637fa	59701335fb58f8a32a115d07cc637fa	{ "rev": "1-0f1586e4df987b0f9a3c..." }
a540e8c2aa76492b3f8f3aad920aa7a	a540e8c2aa76492b3f8f3aad920aa7a	{ "rev": "1-2c477293e593ca3f69aba..." }
d930687c4a21e276d40b7257aa278...	d930687c4a21e276d40b7257aa278...	{ "rev": "1-e658b3d050cc11e127fa..." }
f293c3bd39e052d89fb1b8320526b2...	f293c3bd39e052d89fb1b8320526b2...	{ "rev": "1-9ac2450f9e918a72261c5..." }

Node-Red Service IN Area:

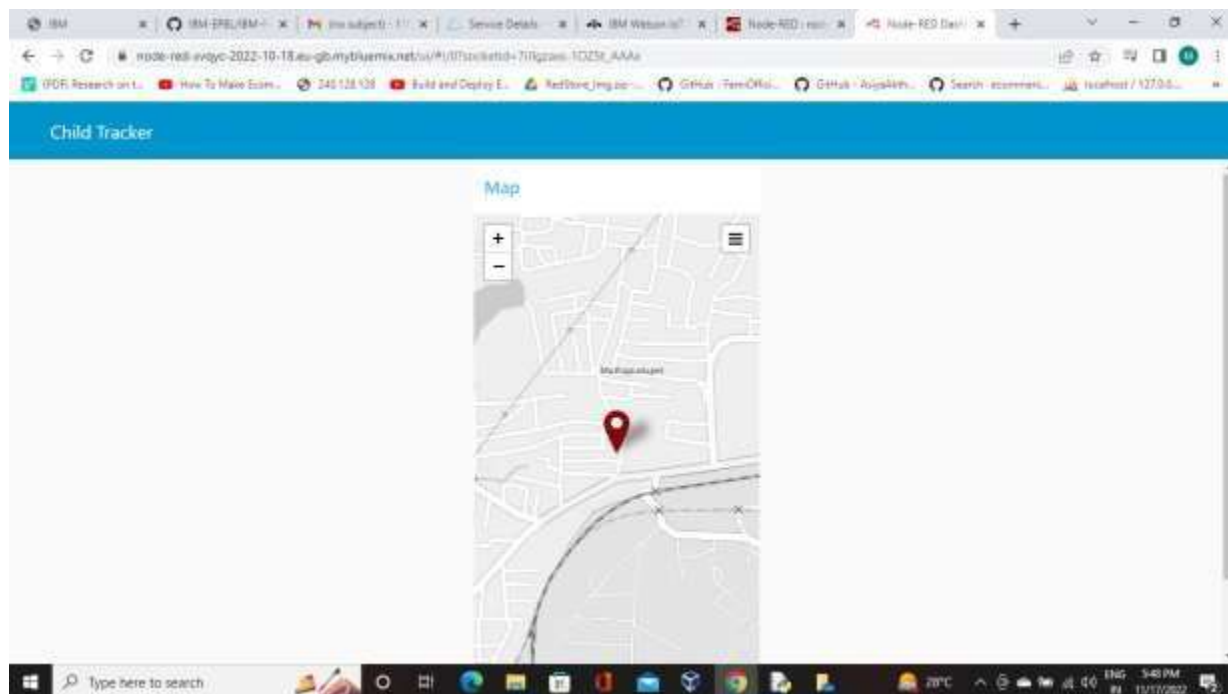
The screenshot shows the Node-RED web interface. On the left, there is a sidebar with a 'common' tab containing various nodes like 'inject', 'debug', 'complete', 'catch', 'status', 'link in', 'link out', and 'comment'. Below this is a 'function' tab with a 'function' node. The main workspace displays a flow diagram with several nodes connected by wires. The flow starts with an 'inject' node, followed by a 'function' node, then a 'debug' node, and continues through several other nodes including 'http request' and 'http response'. On the right, a 'debug' console shows the output of the flow, displaying a JSON object with fields like 'message', 'time', 'lat', 'lon', and 'alt'.

Node-Red Service OUT Area:



Node-Red Dashboard(Web UI):

IN Area



OUT Area

