

# Project Development –Delivery plan sprint-4

IoT Based Safety Gadget for Child Safety Monitoring & Notification

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

### Create Cloudant DB:

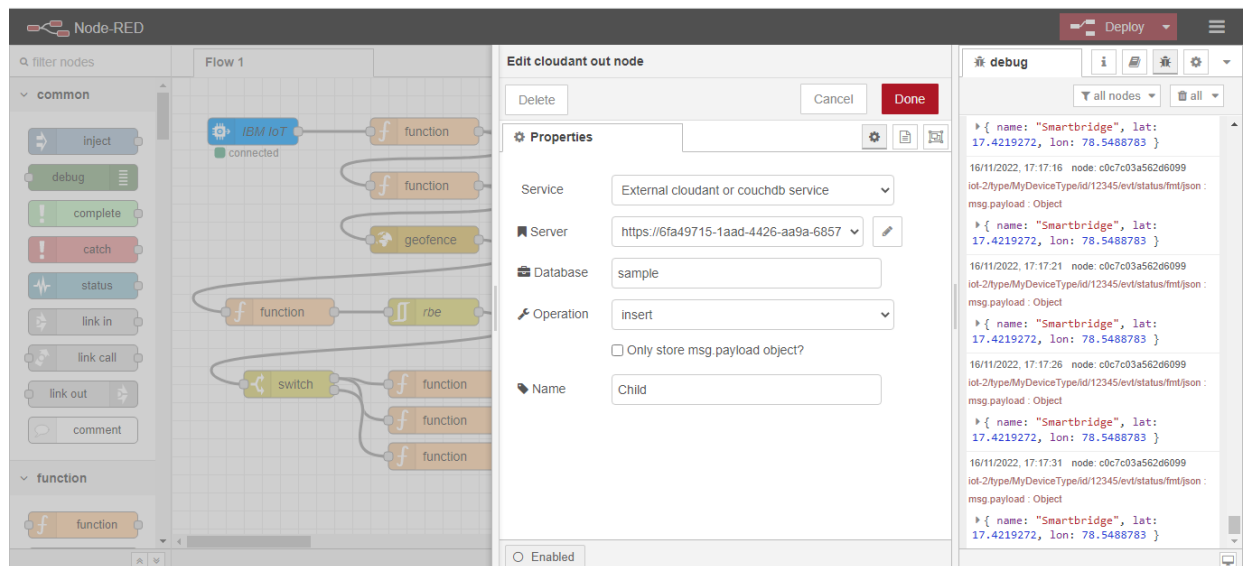
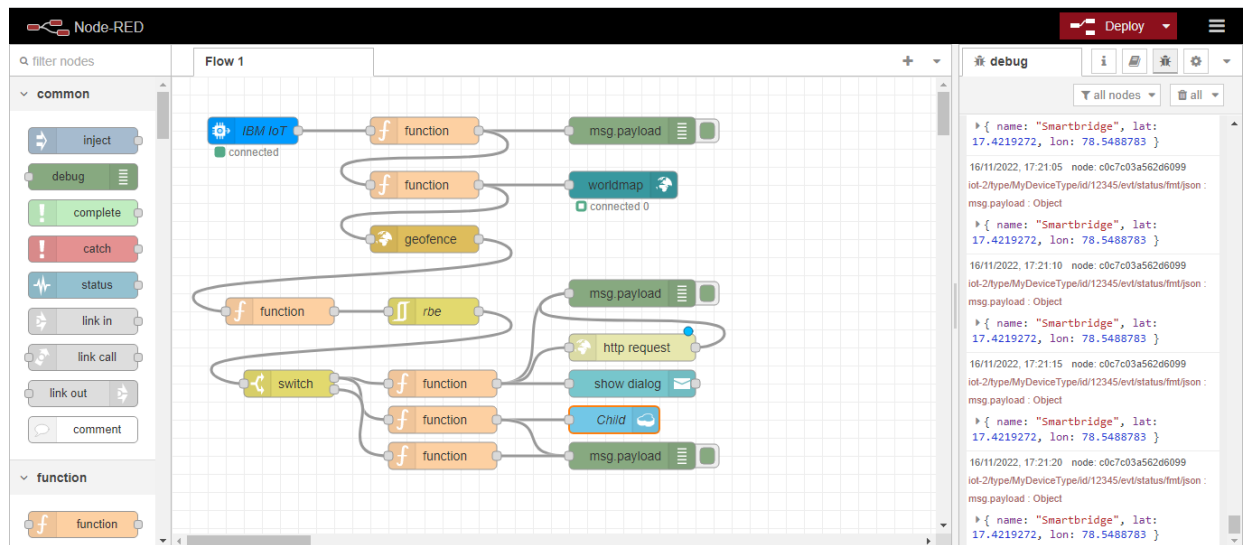
The screenshot shows the Cloudant 'Databases' page. On the left is a dark sidebar with navigation icons. The main area is titled 'Databases' and contains a table of existing databases. The table has columns for Name, Size, # of Docs, Partitioned, and Actions. Two databases are listed: 'childssafety' (15 bytes, 1 doc, not partitioned) and 'sample' (14 bytes, 1 doc, not partitioned). Each database has three action icons: a left arrow, a lock, and a trash can. At the top right, there is a 'Create Database' button and a JSON icon. At the bottom right, it says 'Showing 1-2 of 2 databases. Databases per page 20'.

Name	Size	# of Docs	Partitioned	Actions
childssafety	15 bytes	1	No	
sample	14 bytes	1	No	

The screenshot shows the 'sample' database document view. The left sidebar has a 'sample' breadcrumb and a list of options: All Documents, Query, Permissions, Changes, and Design Documents. The main area has a 'Document ID' dropdown and a 'Create Document' button. Below these are tabs for 'Table', 'Metadata', and 'JSON'. The 'Table' tab is active, showing a table with columns 'id', 'key', and 'value'. A single document is listed with a checkbox, a key-value pair, and a value. The value is a JSON object: {"rev": "2-bff8d21944826a812ce171..."}.

id	key	value
<input type="checkbox"/>	be1a4ebed1fcb79eb9c0f7e0f89854c	be1a4ebed1fcb79eb9c0f7e0f89854c { "rev": "2-bff8d21944826a812ce171..." }

## Node-Red Service with Cloudant Database:



## Node-Red Dashboard(Web ui):

