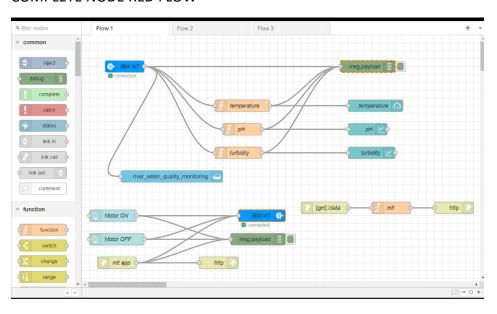
PROJECT DEVELOPMENT PHASE

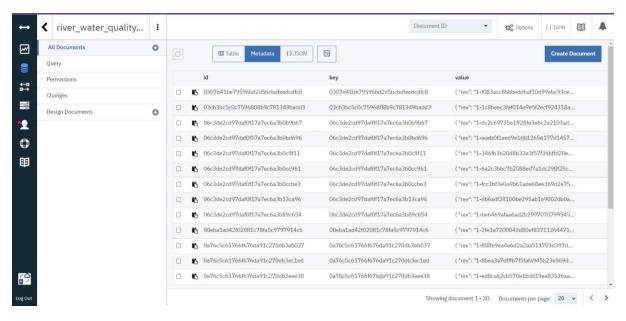
SPRINT - 4

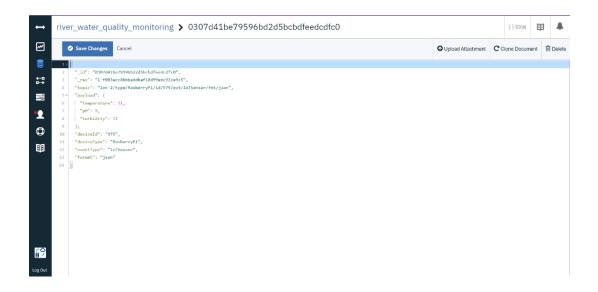
DATE	16 NOV 2022
TEAM ID	PNT2022TMID27339
TITLE	REAL TIME RIVER WATER QUALITY
	MONITORING AND CONTROL
	SYSTEM

COMPLETE NODE RED FLOW



STORING THE DATA IN CLOUDANT DB

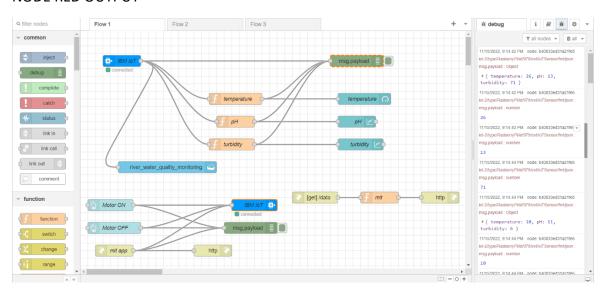




NODE RED DASHBOARD



NODE RED OUTPUT



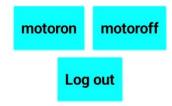
REAL TIME RIVER WATER QUALITY MONITORING

temperature: 87

pH: 13

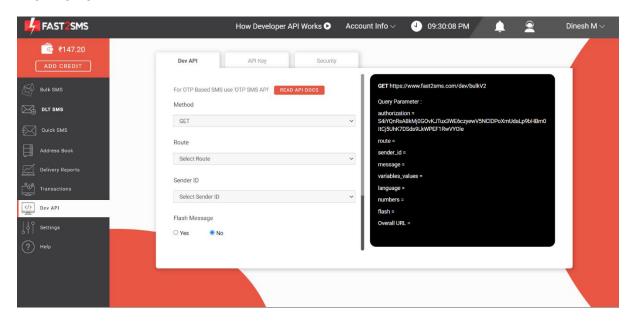
turbidity: 35

SWITCH BOARD CONTROL



IF THE MOTOR ON BUTTON IS PRESSED THE CONTROLLER TURNS ON THE MOTOR

FAST 2 SMS



SMS SENT

```
Published Temperature = 18 C pH = 14 turbidity = 48 to IBM Watson

Published Temperature = 3 C pH = 1 turbidity = 42 to IBM Watson

{"return":true, "request_id":'6235aeoxg4b7vym", "message":["SMS sent successfully."]}

Published Temperature = 100 C pH = 8 turbidity = 94 to IBM Watson

Published Temperature = 73 C pH = 3 turbidity = 57 to IBM Watson

Published Temperature = 71 C pH = 1 turbidity = 72 to IBM Watson

""return":true, "request_id":"mdxjtf453ngw7e9", "message":["SMS sent successfully."]}

Published Temperature = 61 C pH = 9 turbidity = 56 to IBM Watson

{"return":true, "request_id":"fiq985y1nspthwl", "message":["SMS sent successfully."]}

Published Temperature = 88 C pH = 8 turbidity = 54 to IBM Watson
```

SMS SENT TO USER

