GOVERNMENT COLLEGE OF ENGINEERING

CHETTIKARAI, DHARMAPURI

Signs with Smart Connectivity For Better Road Safety

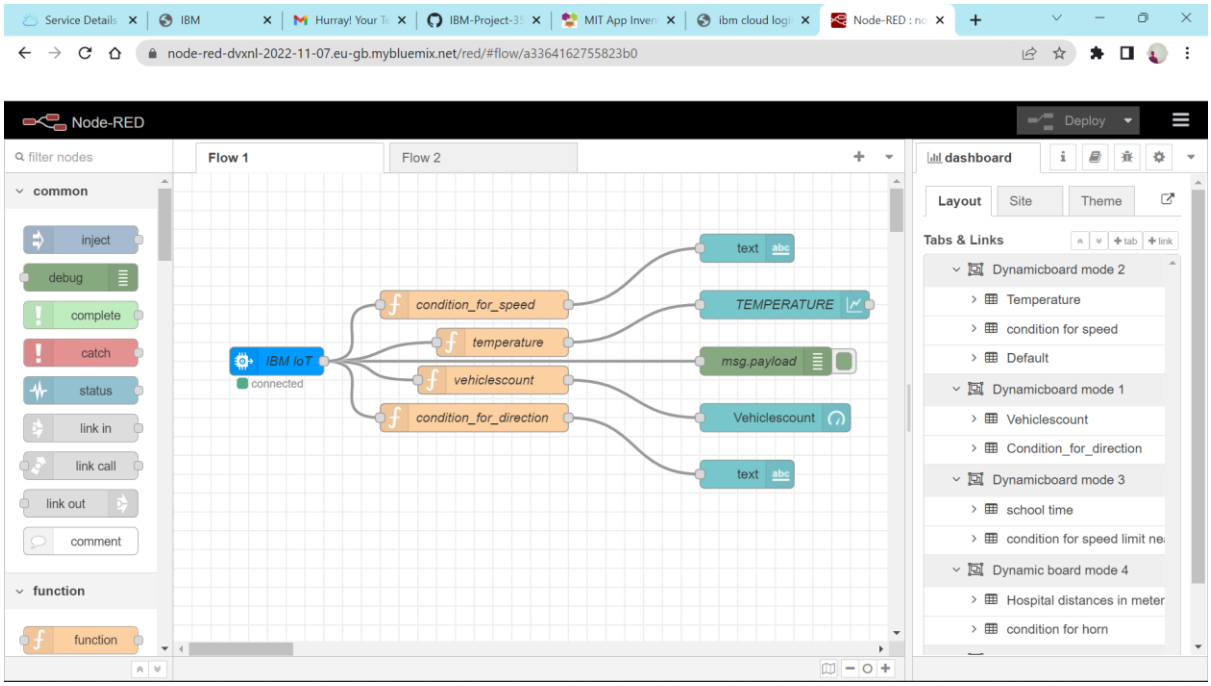
IBM NALAIYATHIRAN

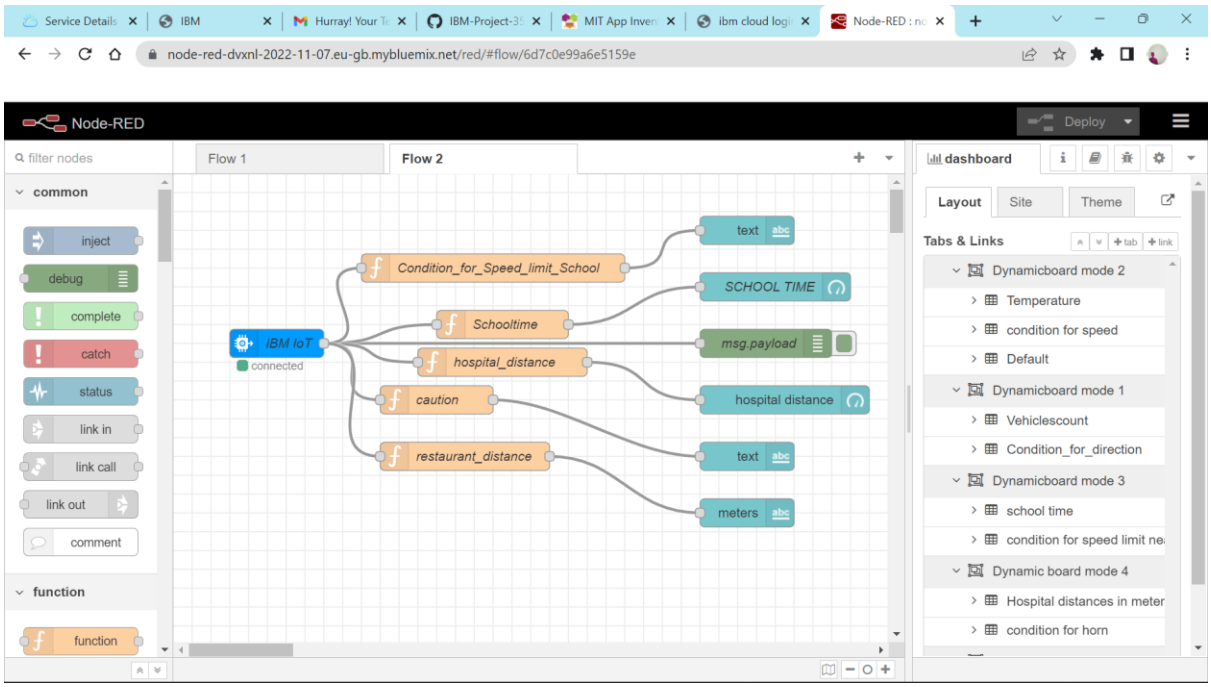
Project Development – Delivery of sprint 2

Creating Node-Red And Connect With Cloud And Web UI

TITLE	Signs with Smart Connectivity for Better Road Safety
DOMAIN NAME	INTERNET OF THINGS
TEAM ID	PNT2022TMID41261
TEAM LEADERNAME	AJAYSEKAR C
TEAM MEMBER NAME	AAKASH A DOURMILKUMAR G DHIVAGAR K
MENTOR NAME	Dr. DINESH G

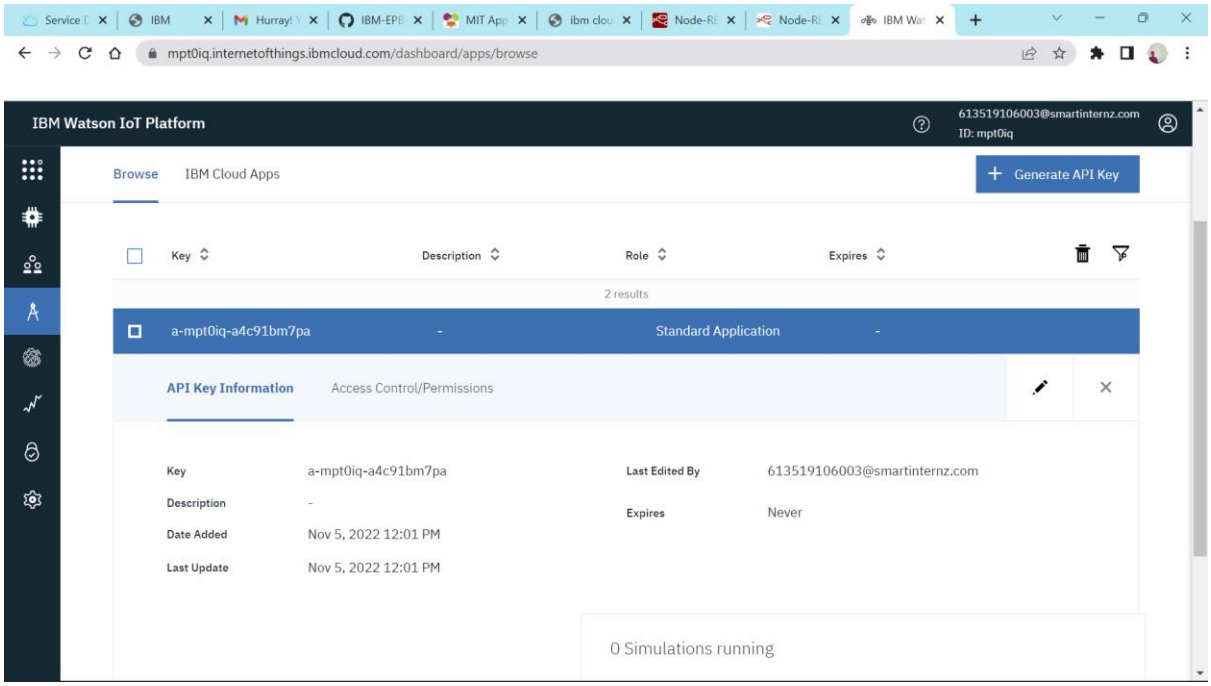
CREATING NODE-RED SERVICE:



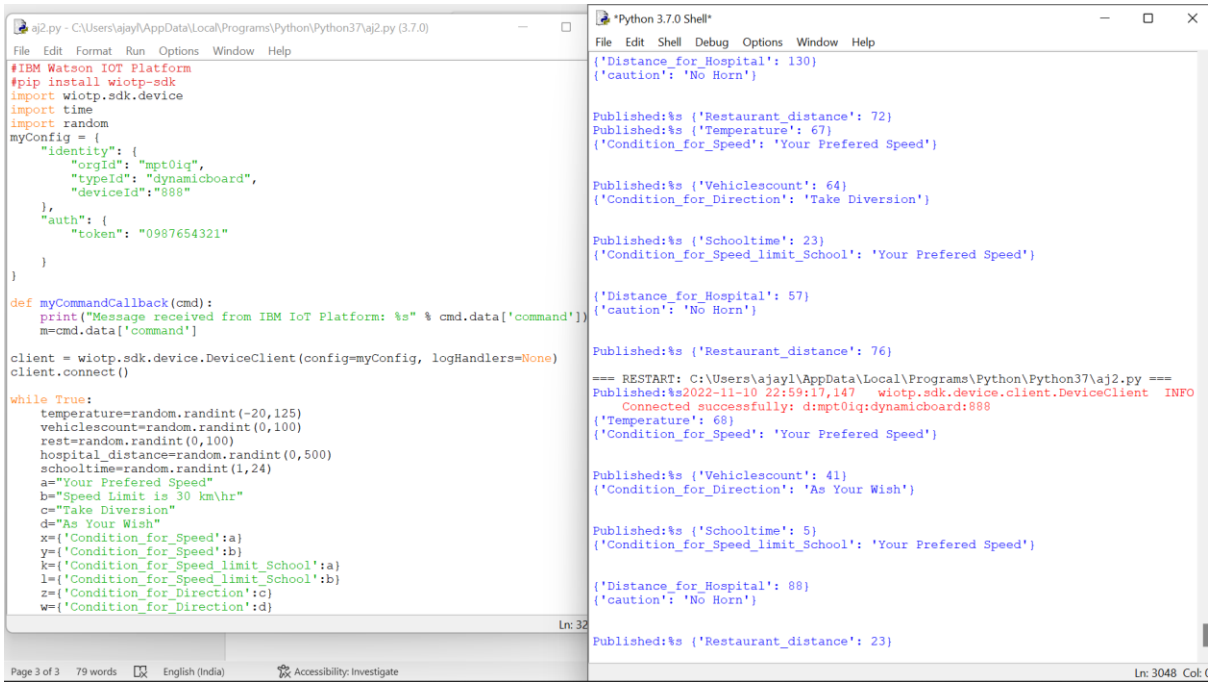


CONNECTING WITH IBM CLOUD:

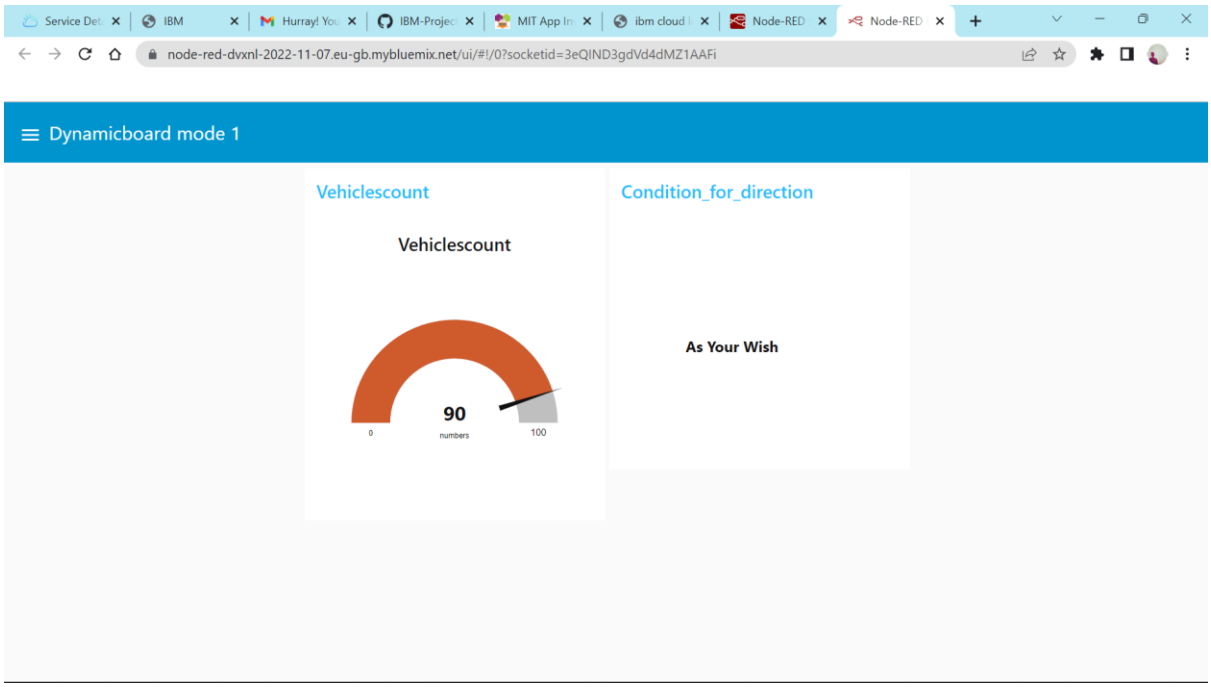
USING IBM IOT THROUGH API KEY:

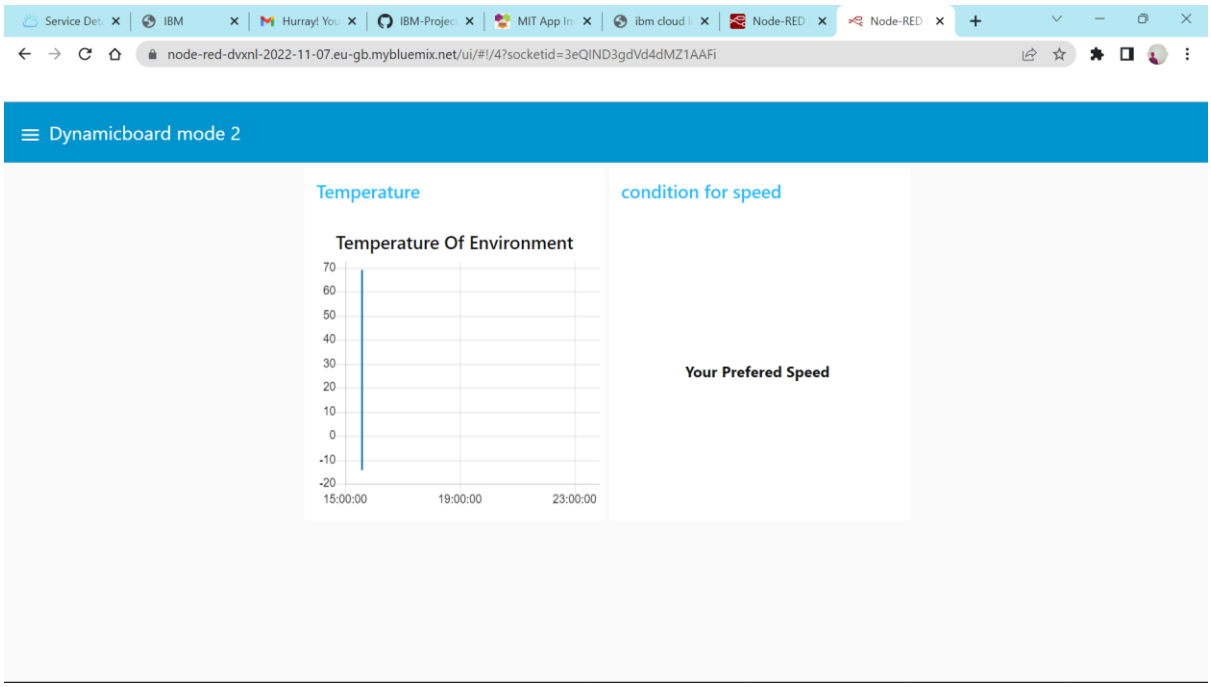


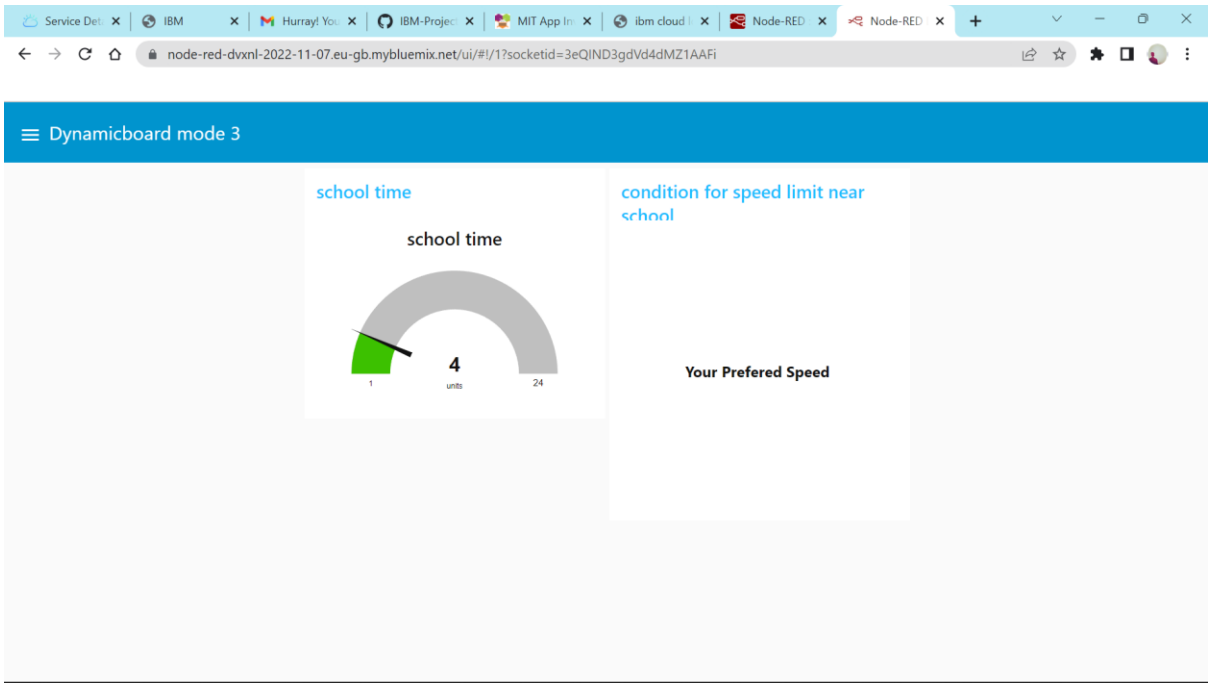
TRANSFERING VALUES FROM PYTHON CODE:



NODE -RED DASHBOARD:



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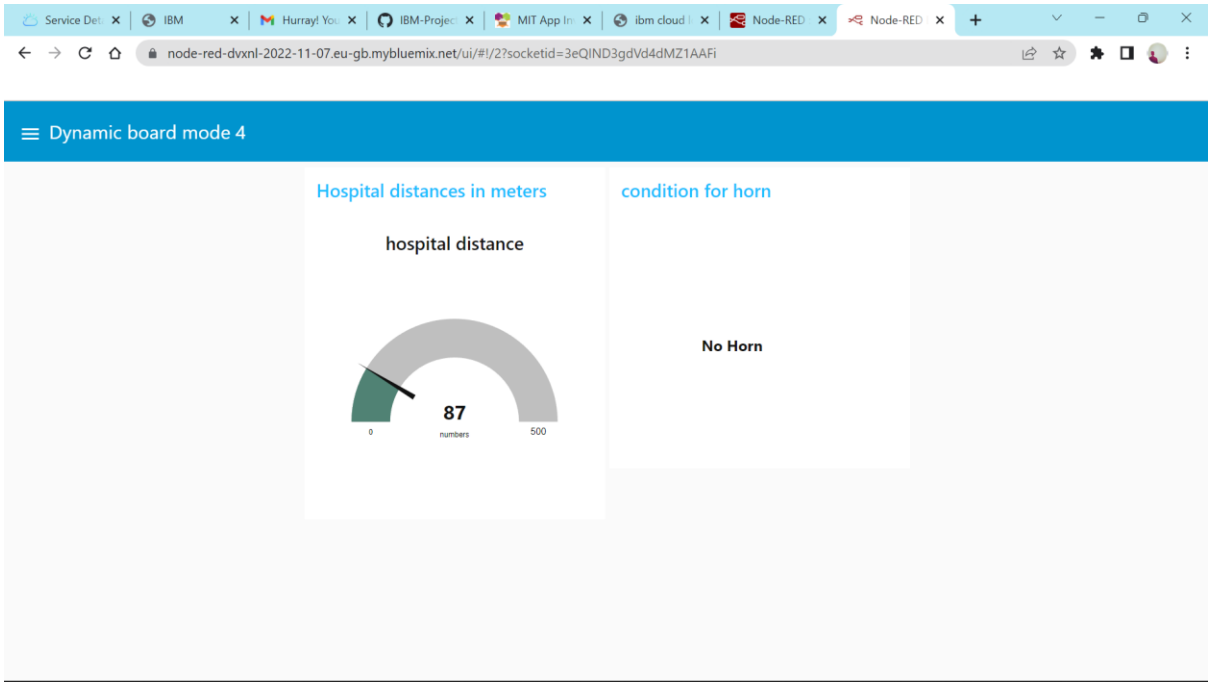
Dynamicboard mode 3
school time
school time
4
1
units
24
condition for speed limit near school
Your Prefered Speed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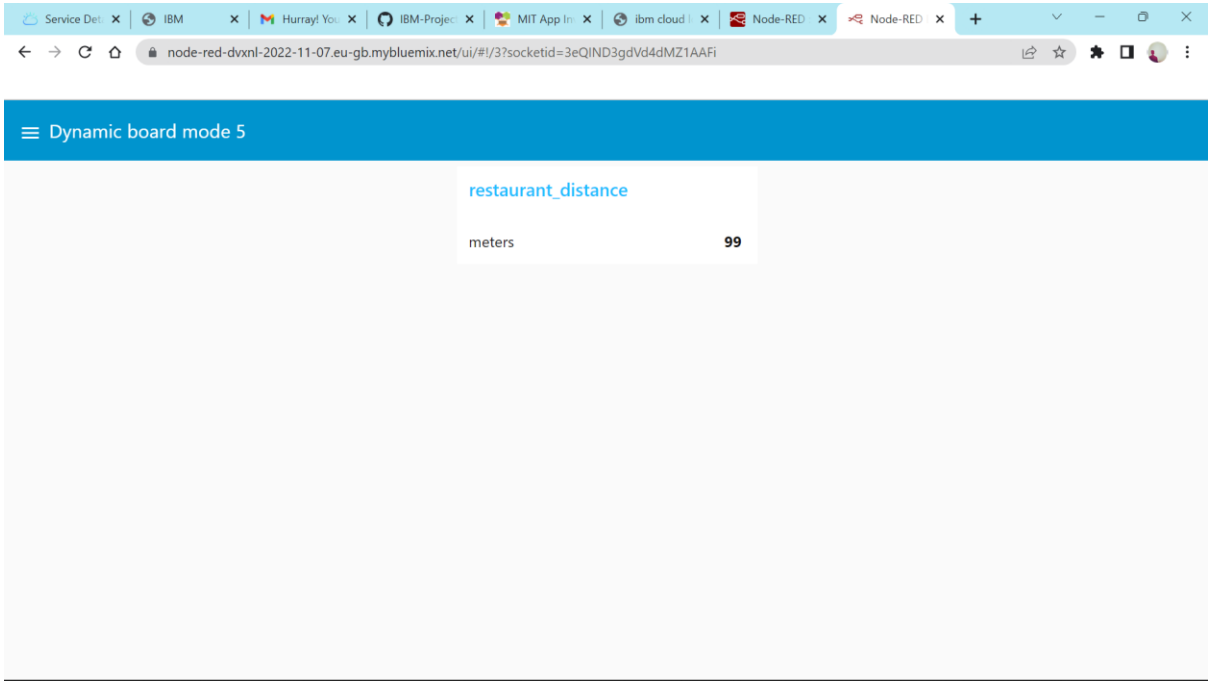
Dynamic board mode 4
Hospital distances in meters
hospital distance
87
0
numbers
500
condition for horn
No Horn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Dynamic board mode 5
restaurant_distance
meters
99