## DEVELOP THE WEB APPLICATION USING NODE-RED SERVICE

Date	15 November 2022
Team ID	PNT2022TMID18889
Project Name	Smart Waste Management System For MetropolitanCities
Maximum Marks	8 Marks

**Node-RED** is a <u>flow-based</u> development tool for <u>visual programming</u> developed originally by <u>IBM</u> for wiring together hardware devices, <u>API</u>sand <u>online service</u> sas part of the <u>Internet of Thing s</u>

Node-RED provides a <u>web browser</u>-based flow editor, which can be used to create <u>JavaScript</u> functions. Elements of applications can be saved or shared for re-use. The runtime is built on <u>Node.js</u>. The flows created in Node-RED are stored using <u>JSON</u>. Since version 0.14, <u>MQTT</u> nodes can make properly configured <u>TLS</u>connections.





