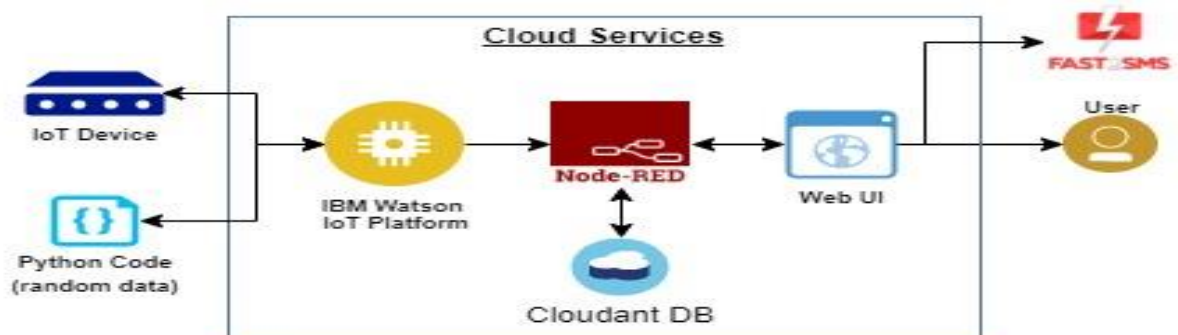


Project Design Phase-I Solution Architecture

Date	16 October 2022
Team ID	PNT2022TMID42571
Project Name	Project –Industry specific intelligent fire management system
Maximum Marks	4 Marks

Solution Architecture:



IOT devices are hardware devices, such as sensors, gadgets, appliances and other machines that collect and exchange data over the Internet.

- Sending random fire and temperature values will be sent to the IBM IOT platform
- Sensors values can be viewed in the Web Application
- Notifies the admin the random values cross the threshold value
- ✓ To accomplish this, we have to complete all the activities and tasks listed below:
 - Create and configure IBM Cloud Services
 - Create IBM Watson IoT Platform
 - Create a device & configure the IBM IoT Platform
 - Create Node-RED service
 - Create a database in Cloudant DB to store location data

- Develop a web Application using Node-RED Service
 - Develop the web application using Node-RED.
 - Develop a python script to publish the location details to the IBM IoT platform.