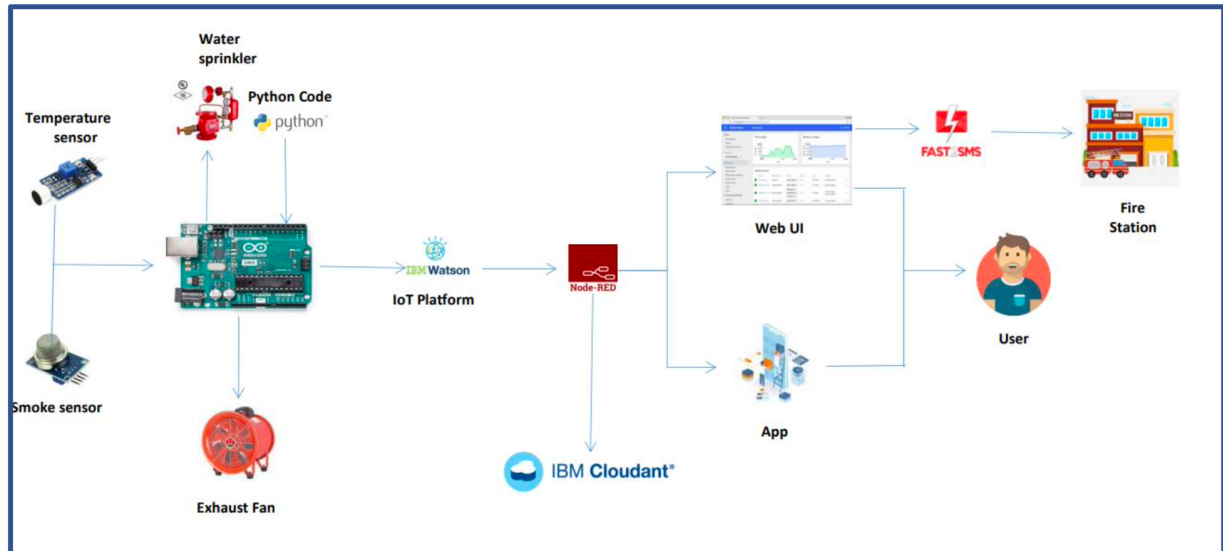


Project Design Phase-I Solution Architecture

Date	28 September 2022
Team ID	PNT2022TMID24952
Project Name	Industry-specific intelligent fire management system
Maximum Marks	4 Marks



Solution Architecture:

- Processing of this devices is done by raspberry pi and Arduino.
- IBM cloudant, node red service ,IBM Watson are used for storage of information.
- Web application is used at the user interface site to provide SMS and automatic alert message is forwarded to fire department along with location of fire.
- Fire alarm system consists of manual pull stations, visual/audible alarm devices and integrated automatic detection devices and with automatic water sprinkler; addressable temperature sensors, flame sensors and gas sensors located in individual sleeping rooms, corridors, common areas and mechanical spaces