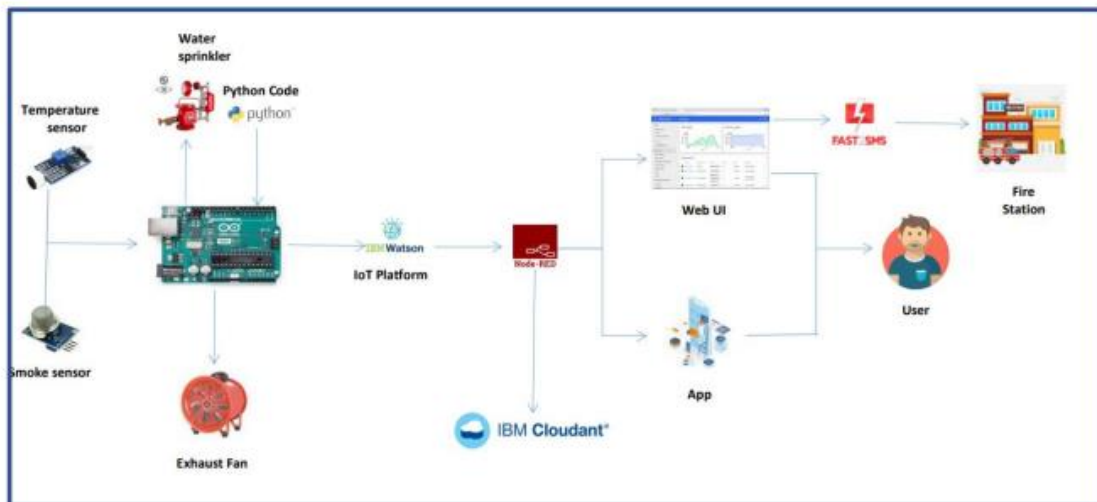


SOLUTION ARCHITECTURE

PROJECT NAME – Industry – specific intelligent fire management system

SOLUTION ARCHITECTURE:



- 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.
- 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 locating of fire.