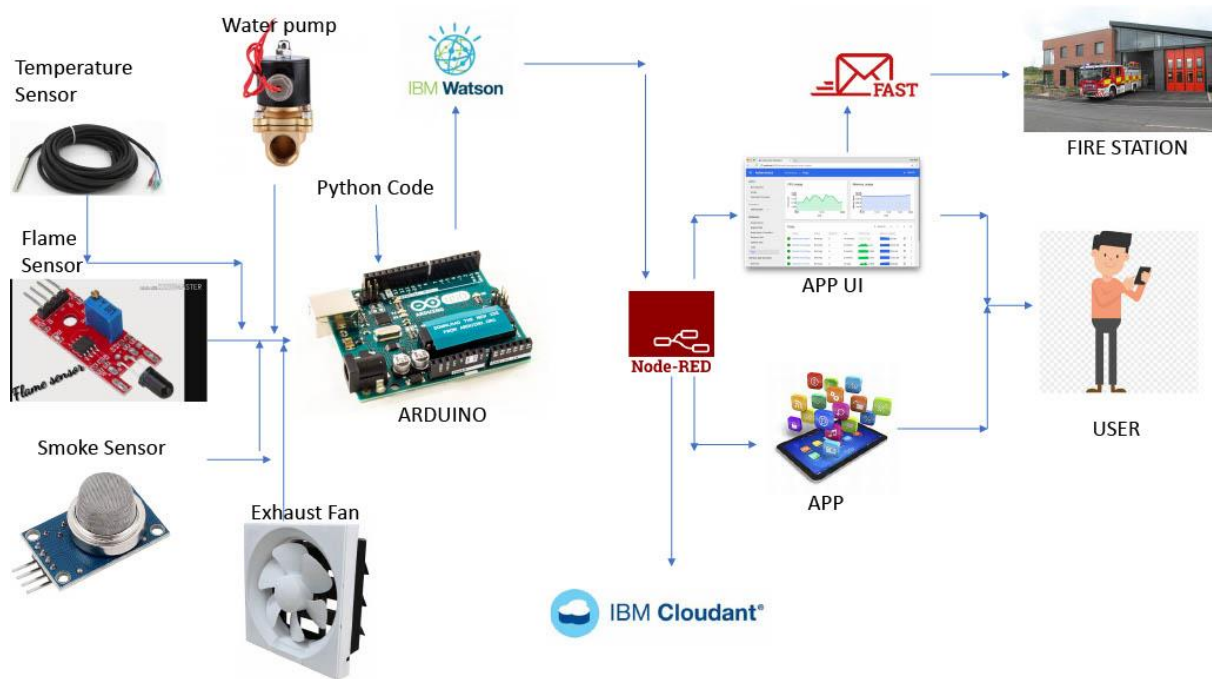


Industry-Specific Intelligent Fire Management System

SOLUTION ARCHITECTURE

TEAM ID : PNT2022TMID18446

PROJECT NAME: Industry-specific intelligent fire management system



1. Fire are detected in the industries by using various sensors (Temperature Sensor, Flame Sensor, Smoke Sensor) and processing of this sensors are done by Raspberry Pi and Arduino.
2. IBM Watson, Node-RED and IBM Cloudant are used for the storage of data which is processed.
3. Web application is used at the user interface site to provide SMS and automatic alert message is forwarded to fire department along with the location of fire.
4. By using App and APP UI the warning will be intimated to the respected/provided user.