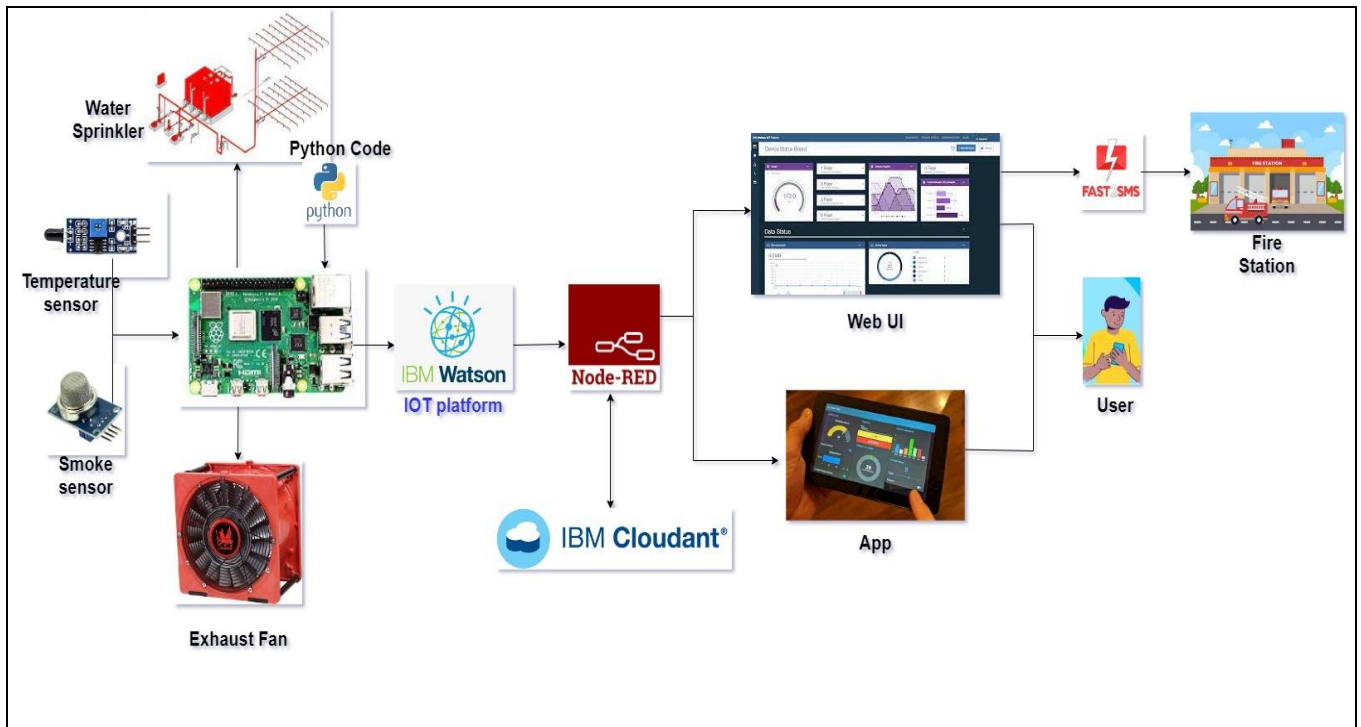


Project Design Phase-I Solution Architecture

Date	19 September 2022
Team ID	PNT2022TMID29660
Project Name	Industry-specific intelligent fire management system
Maximum Marks	4 Marks

Solution Architecture Diagram:



- The smart fire management system includes a Gas sensor, Flame sensor and temperature sensors to detect any changes in the environment.
- Based on the temperature readings and if any Gases are present the exhaust fans are powered ON.
- If any flame is detected the sprinklers will be switched on automatically.
- Emergency alerts are notified to the authorities and Fire station.