

Project Design Phase-I
Solution Architecture

Date	24 September 2022
Team ID	PNT2022TMID06972
Project Name	Industry Specific Intelligence Fire Management System
Maximum Marks	4 Marks

Solution Architecture:

- This project helps the industries in monitoring the fire accident.
- In several areas, the fire sensors will be integrated to monitor the fire accident.
- If in any area fire accident in the industry the industrialists will be notified along with the location.
- The traditional Fire Management System though have great precision, fail to acknowledge a few factors in the field of alerting the people about the accident.
- IOT technology to make a Fire Management System having Smart Alerting techniques involving giving notification to the concerned authority and an ability to predict hazardous situation so that people could be made aware in advance by performing data analytics on sensor readings.

Solution Architecture Diagram:

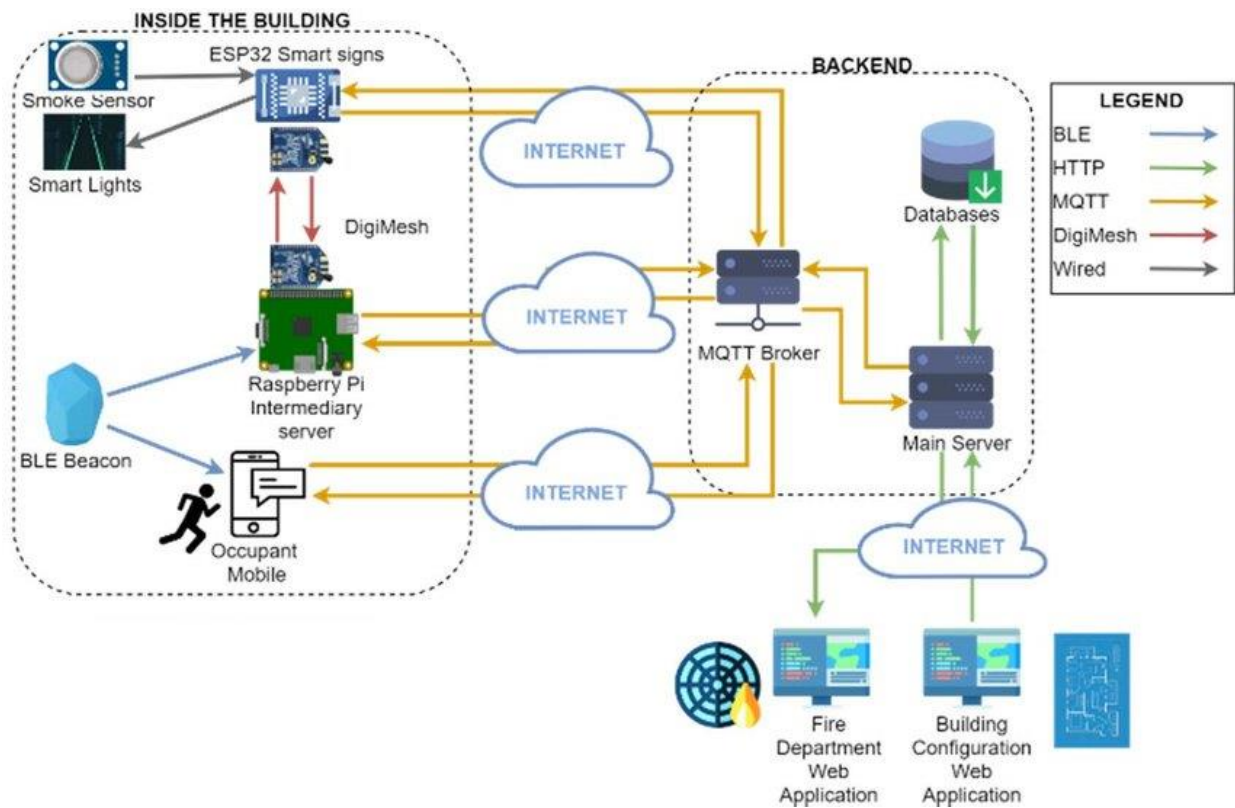
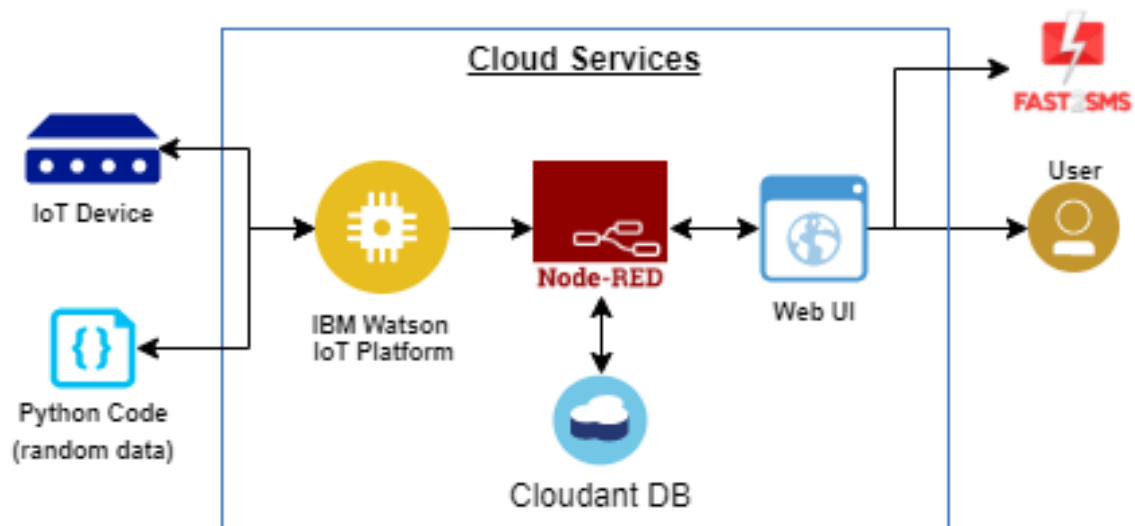


Figure 1: System Architecture

Technical Architecture:



Reference:

- https://careereducation.smartinternz.com/Student/guided_project_info/2109#
- https://www.researchgate.net/figure/System-architecture-for-an-IoT-based-fire-evacuation-system_fig2_339096717