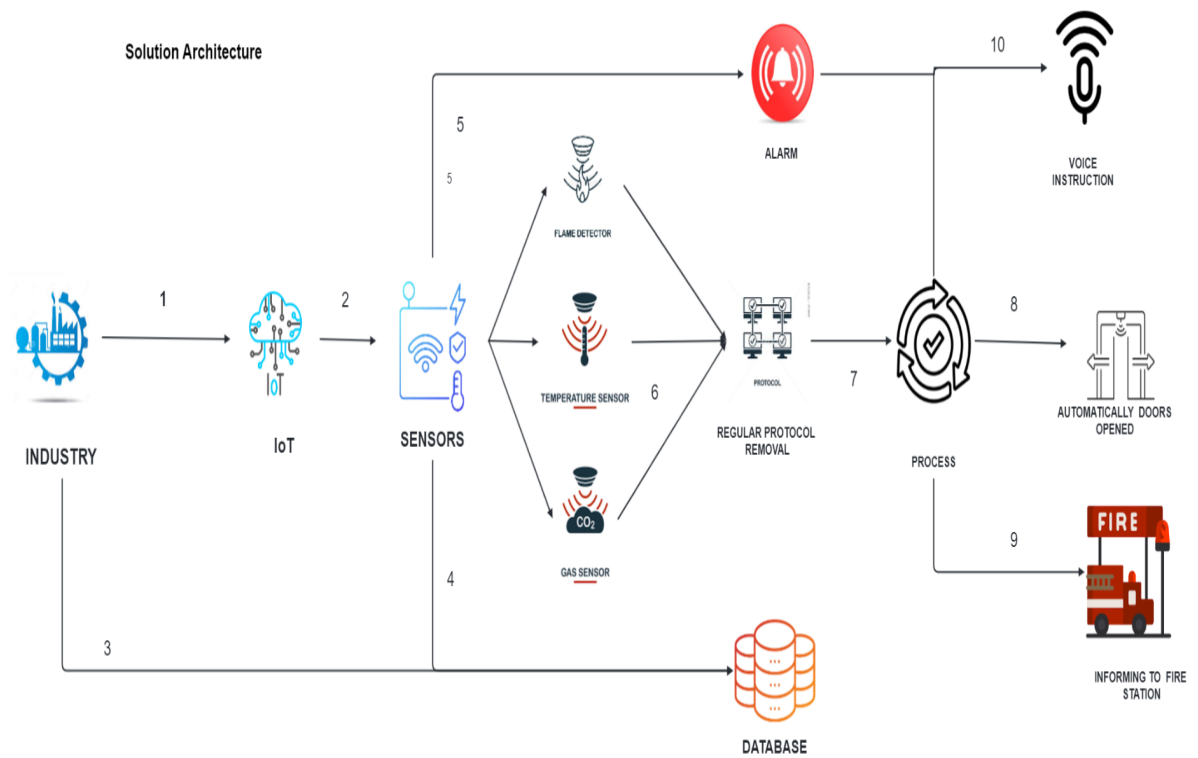


## Project Design Phase-II Technology Stack (Architecture & Stack)

Date	28 October 2022
Team ID	PNT2022TMID33754
Project Name	Project - Industry-specific intelligent fire management system
Maximum Marks	4 Marks

### Technical Architecture:



**Table-1 : Components & Technologies:**

S.No	Component	Description	Technology
1.	Industry	Security modulation	IOT Technology
2.	Sensors	Logic of detection and identification	Gas,Flame,Temperature Sensors.
3.	Database	Data Type, Configurations etc.	MySQL, NoSQL, etc.
4.	Cloud Database	Database Service on Cloud	Sensors and Devices.
5.	Alarm	Process of notifying problem	Fire alarm and notification
6.	Protocol removal	Purpose of creating patient environment	Python,Java,Javascript
7.	Voice Instruction	Process of instruction about emergency exit	Python voice instructor
8.	Automatic door open And fire station	Process of people out to the industry	Python,java ,Cloud database

**Table-2: Application Characteristics:**

S.No	Characteristics	Description	Technology
1.	Time efficiency	Access to easy and available time to manage the devices	Technology of lot devices
2.	Security Implementations	Automatic security implementation and expose easily	IOT Sensors
3.	Database management	Managing data to control separate structures	MySQL, NoSQL, etc.
4.	Performance	Automatically performed to analyse The problem easily	IOT technology