

## Project Design Phase – II

### Technology stack (Architecture & Stack)

IBM ID	IBM-PROJECT-31889-1660205917
Team ID	PNT2022TMID29941
Project name	Industry Specific intelligent Fire Management system

#### Technical Architecture:

The Deliverable shall include the architectural diagram as below and the information as per the table 1 & table 2

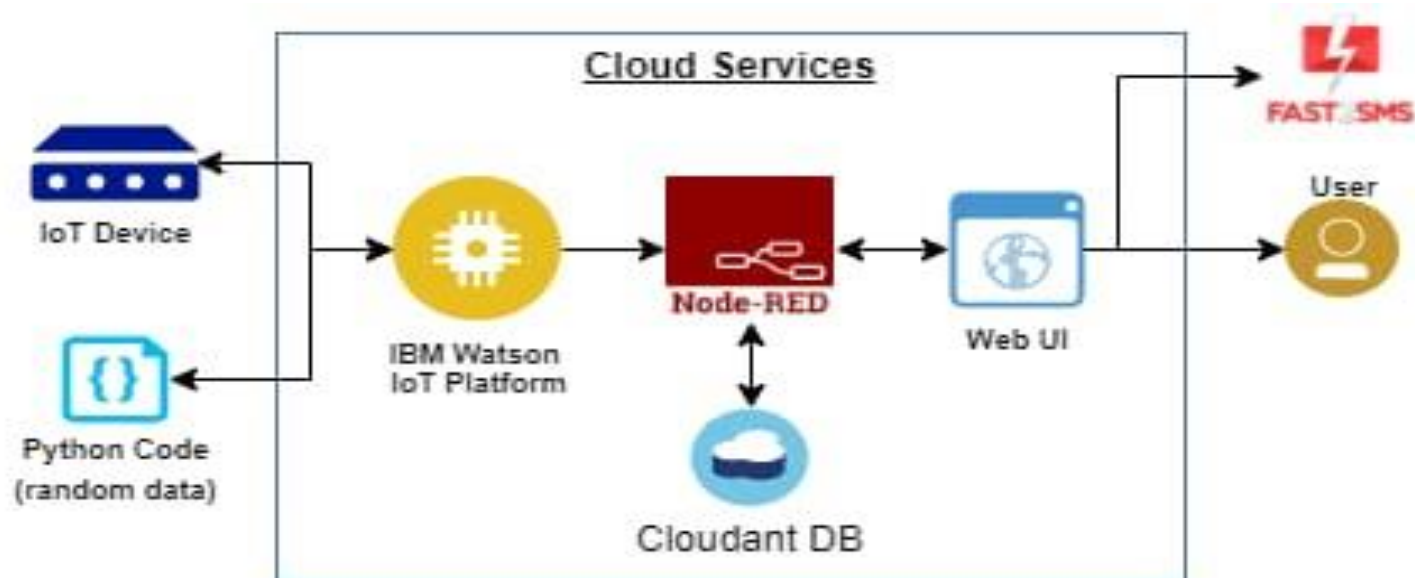


Table – 1 : Components & Technologies:

S.NO:	Components	Description	Technology
1	User Interface	How user interface with the Web UI	App Development
2	Application Logic	Logic for a person in the application	appypie.com
3	Database	Data type , Configuration etc.,	Clod database
4	File Storage	File storage requirements	IBM Block Storage or other Storage Service or Local filesystem.
5	Cloud Database	Database services on cloud	IBM Cloudant
6	Infrastructure ( Server / Cloud)	Application Deployment on Local System / cloud Local Server Configuration: Cloud Server Configuration:	Cloud Foundry
7	Protocol	How data exchanged on Web	HTTP

Table – 2: Application Characteristics :

S.No	Characteristics	Description	Technology
1.	Open -Source Frameworks	Appypie app Inventor	Appypie
2.	Security Implementation	IBM Services	Encryptions , IBM Controls
3.	Scalable Architecture	Sensor – IOT Cloud based architecture	Cloud Computing and AI
4.	Availability	Mobile , Desktop, Laptop	Appypie app
5.	Performance	Detects the Fire , Temperature , Smoke	Sensors