Project Design Phase-II
Data Flow Diagram & User Stories

| Date	14 October 2022
Team ID	PNT2022TMID52802
Project Name	Project – Hazardous area monitoring for Industrial plant powered by IoT
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

DFD Level 0 (Smart hazardous area monitoring)

Example: (Simplified)
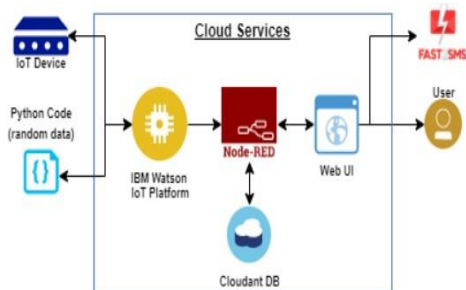
1. consort IoT device with python code.

2. IBM Watson understanding the language and send Node RED.

3. In cloud services, cloundant DB ,Web UI are also there and it connect into user.

4. Send the notification to the user as a Fast SMS.
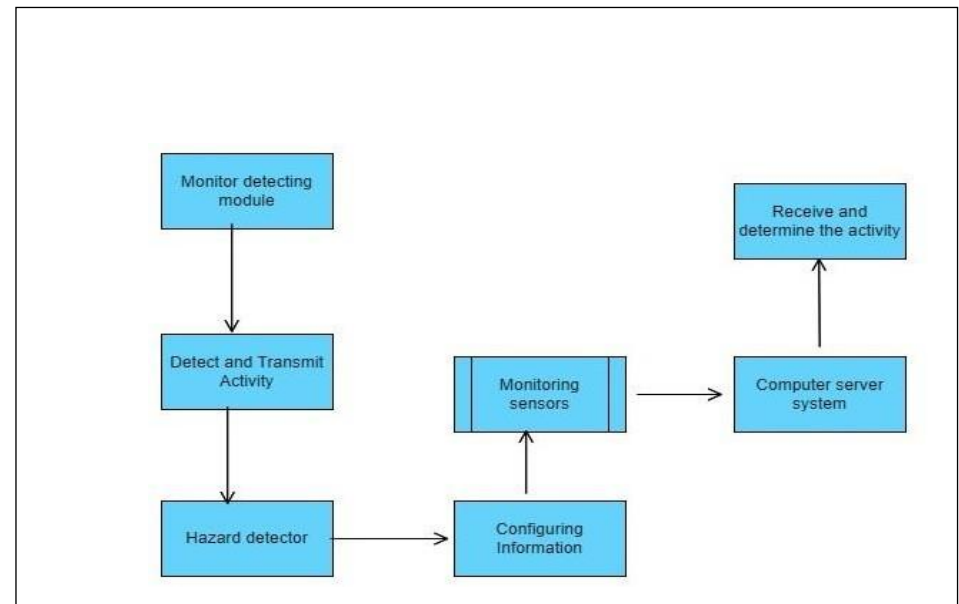
User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	I can receive confirmation mail	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can view my application	High	Sprint-1
	Dashboard	USN-6	As a user , I can view my dashboard to analyse my work	I can view my performance level	High	Sprint-2
Customer (Web user)	Sign up	USN-7	As a user ,I can sign up into the website by my user name and password	I can visit that application through as a web user	Medium	Sprint-1
Customer Care Executive	Deal with Customer	USN-8	I can deal and make a connection with customer care executive	I can learn through customers	High	Sprint-2
Administrator	Examine	USN-9	I can inspect the problem with these requirements	I can executive the functions of the system	High	Sprint-2