

## Project Design Phase-II

### Data Flow Diagram & User Stories

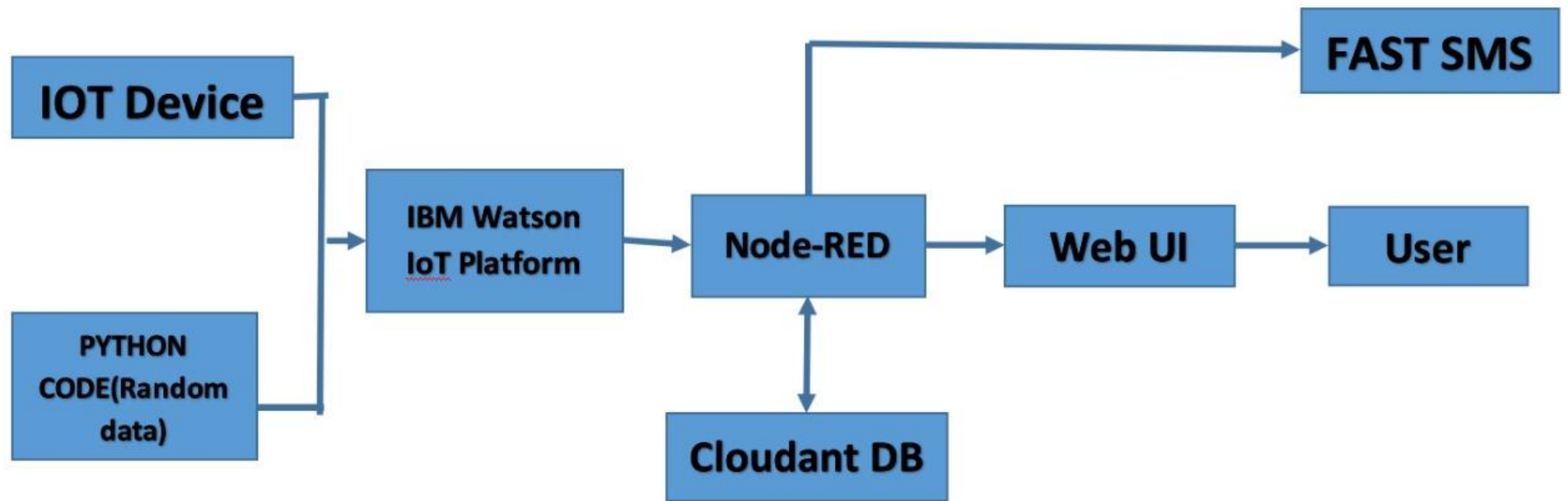
Date	20 October 2022
Team ID	PNT2022TMID53571
Project Name	Gas Leakage Monitoring & Alerting System
Maximum Marks	4 Marks

### 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.

Example: [\(Simplified\)](#)

## **FLOWCHART FOR GAS LEAKAGE MONITORING AND ALERTING SYSTEM**



# **USER STORIES AND FUNCTIONAL REQUIREMENTS**

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, and password, and confirming my password.	I can access my account/dashboard	High	Sprint-1
Customer (Mobile user)	Registration	USN-2	As a user, I will receive a confirmation email once I have registered for the application.	I can receive confirmation email & click confirm	High	Sprint-1
Customer (Mobile user)	Registration	USN-3	As a user, I can register for the application with nearest service provider.	Registration Process	Medium	Sprint-2
Customer (Mobile user)	Registration	USN-4	As a user, I can register for the application through Gmail.	Alternate ways to create an account	Medium	Sprint-1
Customer (Mobile user)	Login	USN-5	As a user, I can log into the application by entering email & password.	Logging into the account	High	Sprint-1
Customer (Mobile user)	Dashboard	USN-6	As a user, I can access the dashboard application by entering email & password.	Accessing the dashboard	Medium	Sprint-2
Customer (Web user)	Review	USN-7	As a user, I can provide review for the development of application within the app.	Providing review for the application	Medium	Sprint-2
Customer Care Executive	Walkthrough	USN-8	As a customer care executive, I can take down the problems faced by the customer and provide solutions.	Customer care process	High	Sprint-2
Administrator	Access	USN-9	The administrator has access for the platform and the code	Changes in the code can be done only by the admin	High	Sprint-1
Administrator	Access	USN-10	The administrator should provide the admin access to the develop in order to update the application.	Without admin access, the acode of the application cannot be accessed	medium	Sprint-1