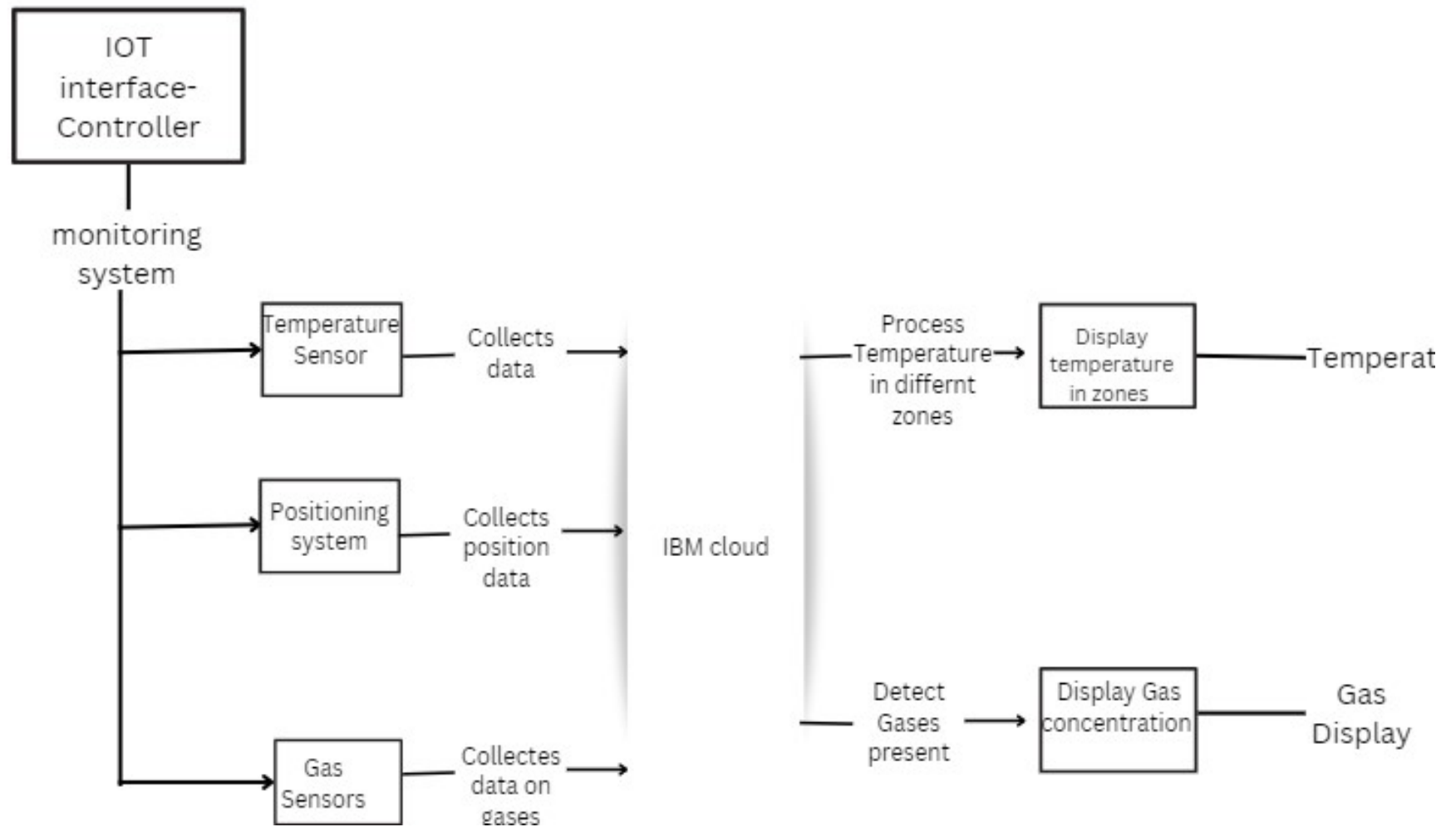


Project Design Phase-II
Data Flow Diagram & User Stories

Date	15 October 2022
Team ID	PNT2022TMID35932
Project Name	Hazardous Area Monitoring in 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.



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Working Personnel (Mobile user)	Monitoring	USN-1	As a user, I need to know the Temperature around me.	I can view the temperature	High	Sprint-1
Working Personnel	Monitoring	USN-2	As a user, I need to know the Gas composition and Concentration near me.	I can gas data	High	Sprint-1
Working Personnel	Registration	USN-3	As a user, I can register for the application with my industry credentials	I can register and access the data through my profile	Low	Sprint-2
Working Personnel	Positioning	USN-4	As a user, I can view the location of my device.	I must be able to know my position with respect to plant and nearest exits	Medium	Sprint-3
Supervisor (Web user)	Supervision	USN-5	I can view the environment condition through the web UI.	I can view the Conditions in real-time	Medium	Sprint-2
Customer Care Executive	Maintenance	USN-6	For customer care I must know the inner architecture.	I need proper documentation.	Medium	Sprint-3
Administrator	Administration	USN-7	I need full access over the devices and the network.	I can view the data rate and other technical details using my UI.	Low	Sprint-4