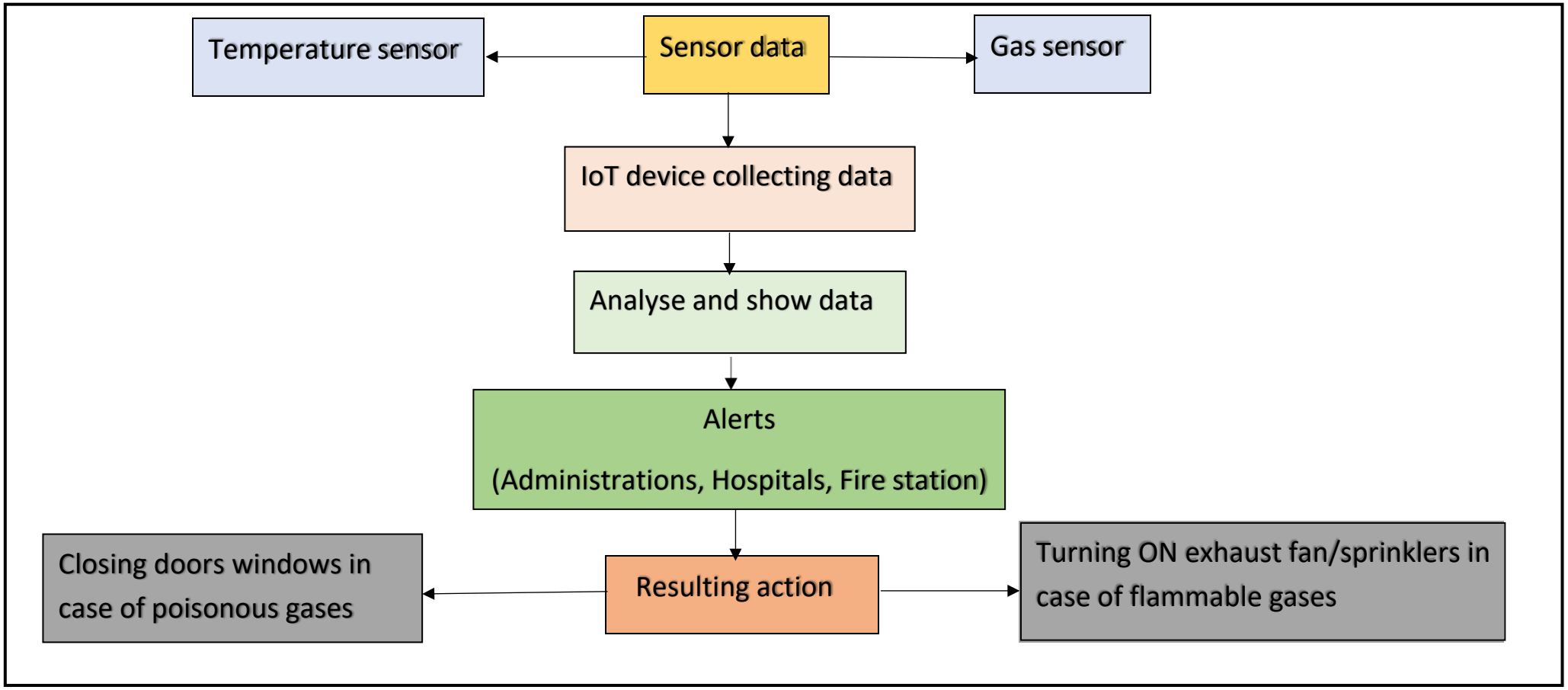
Project Design Phase-II
Data Flow Diagrams & User Stories

Date	18 October 2022
Team ID	PNT2022TMID05241
Project Name	Gas leakage monitoring and alerting system for industries
Maximum Marks	4 Marks

Data Flow Diagrams:



User Stories:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	User can enter into the web application	I can access my account / dashboard	High	Sprint-1
		USN-2	User can register their credentials like email idand password	I can receive confirmation email & click confirm	High	Sprint-1
	Login	USN-3	User can log into the application by entering email & password	I can login to my account	High	Sprint-1
	Dashboard	USN-4	User can view the temperature	I can view the data givenby the device	High	Sprint-2
		USN-5	User can view the level of gas	I can view the data given by the device	High	Sprint-2
Customer (Web user)	Usage	USN-1	User can view the web page and get the information	I can view the data givenby the device	High	Sprint-3
Customer	Working	USN-1	User act according to the alert given by the device	I can get the data work according to it	High	Sprint-3
		USN-2	User turns ON the exhaust fan/sprinkler whenthe leakage occurs	I can get the data work according to it	High	Sprint-4
Customer Care Executive	Action	USN-1	User solve the problems when someone facesany usage issues	I can solve the issues when some one fails to understand the procedure	High	Sprint-4
Administrator	Administration	USN-1	User stores every information	I can store the gained information	High	Sprint-4

FLOWCHART : GAS LEAKAGE MONITORING AND ALERTING SYSTEM