

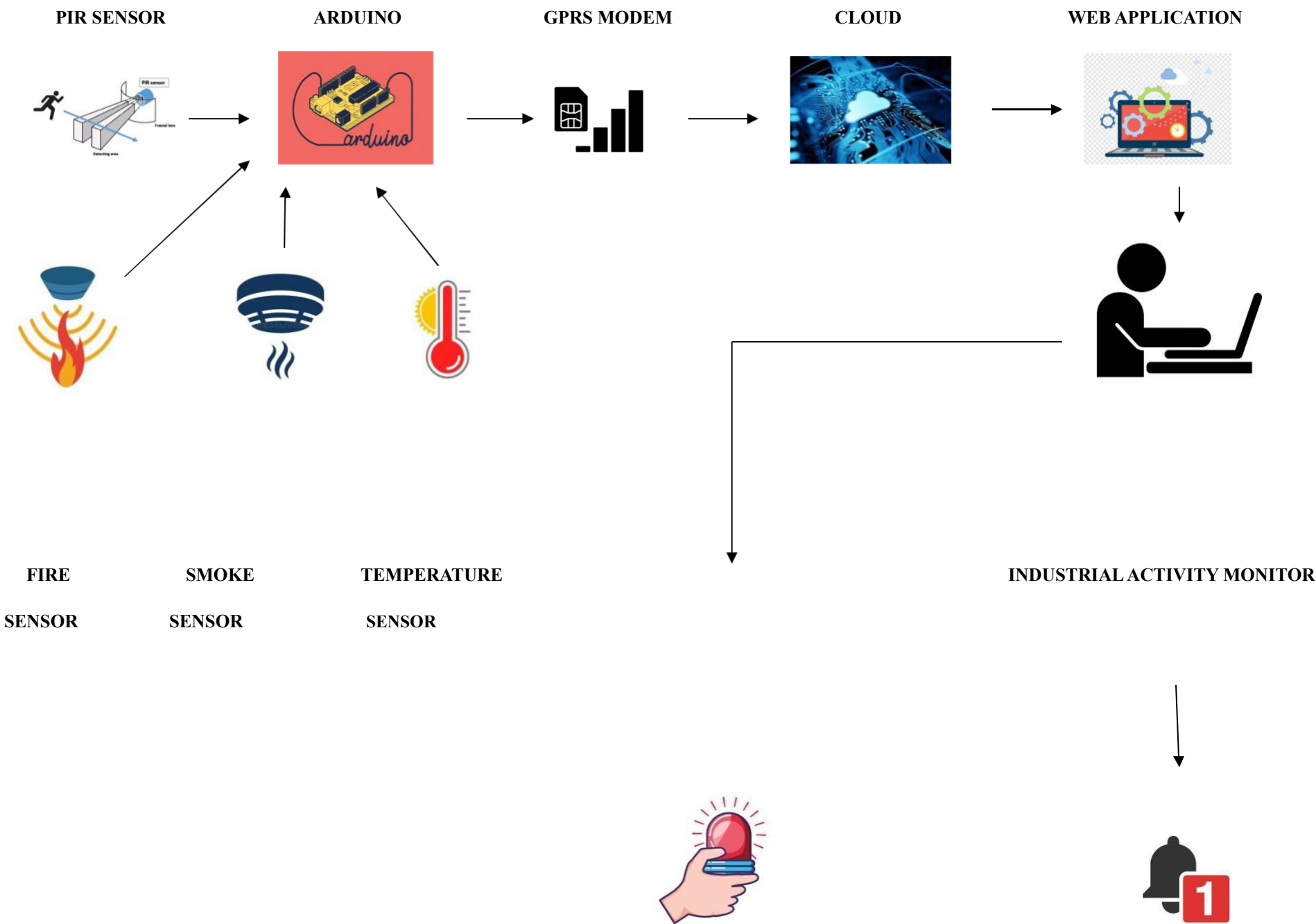
PROJECT DESIGN PHASE -II

Data Flow Diagram & User Stroies

DATE:	07/11/2022
TEAM ID:	PNT2022TMID00080
PROJECT NAME:	Hazardous Area Monitoring for Industrial Plant powered by IOT
MAXIMUM MARKS:	4 Marks

DATA FLOW DIAGRAM :

1. Monitor the real time industrial conditions using various sensors.
2. Pass on the information using Gprs modem and store those information in the cloud which can be viewed by the industrial monitor.
3. This system actively records and analyze the conditions to ensure safety of the workers and the environment.
4. When the conditions exceeds beyond the safety limits, alert message are sent and also buzzer sound is activated.
5. This provides specifications according to which solution is defined and managed. Gives the best technology solution to solve the problem.



BUZZER ALERT

MESSAGE ALERT



USER MOBILE

User Stories:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Industrial Owner)	Registration	USN-1	As an Industrial Owner, I can register into the application by entering email & password	I can access my account / dashboard	High	Sprint-1
	Data Modules	USN-2	As an Industrial Owner, I can get message about the temperature and humidity	I can receive confirmation email & click confirm	High	Sprint-1
	Login	USN-3	As an industrial Owner, I can login into my account through email and Password	I can access my account	Medium	Sprint-2
	Dashboard	USN-4	As an Industrial Owner, I can monitor of temperature	I can access the dashboard with individual Login id/password	High	Sprint-1
Customer (Industrial Worker)	Registration	USN-1	As an Industrial Worker, I can register into the application by entering email & password	I can access my account / dashboard	High	Sprint-1
	Data Modules	USN-2	As an Industrial Worker, I can get message about the temperature and humidity	I can receive confirmation email & click confirm	High	Sprint-1
	Login	USN-3	As an industrial Owner, I can login into my account through email and Password	I can access my account	Medium	Sprint-2
	Dashboard	USN-4	As an Industrial Owner, I can get alert high temperature	I can access the dashboard with individual Login id/password	High	Sprint-1