

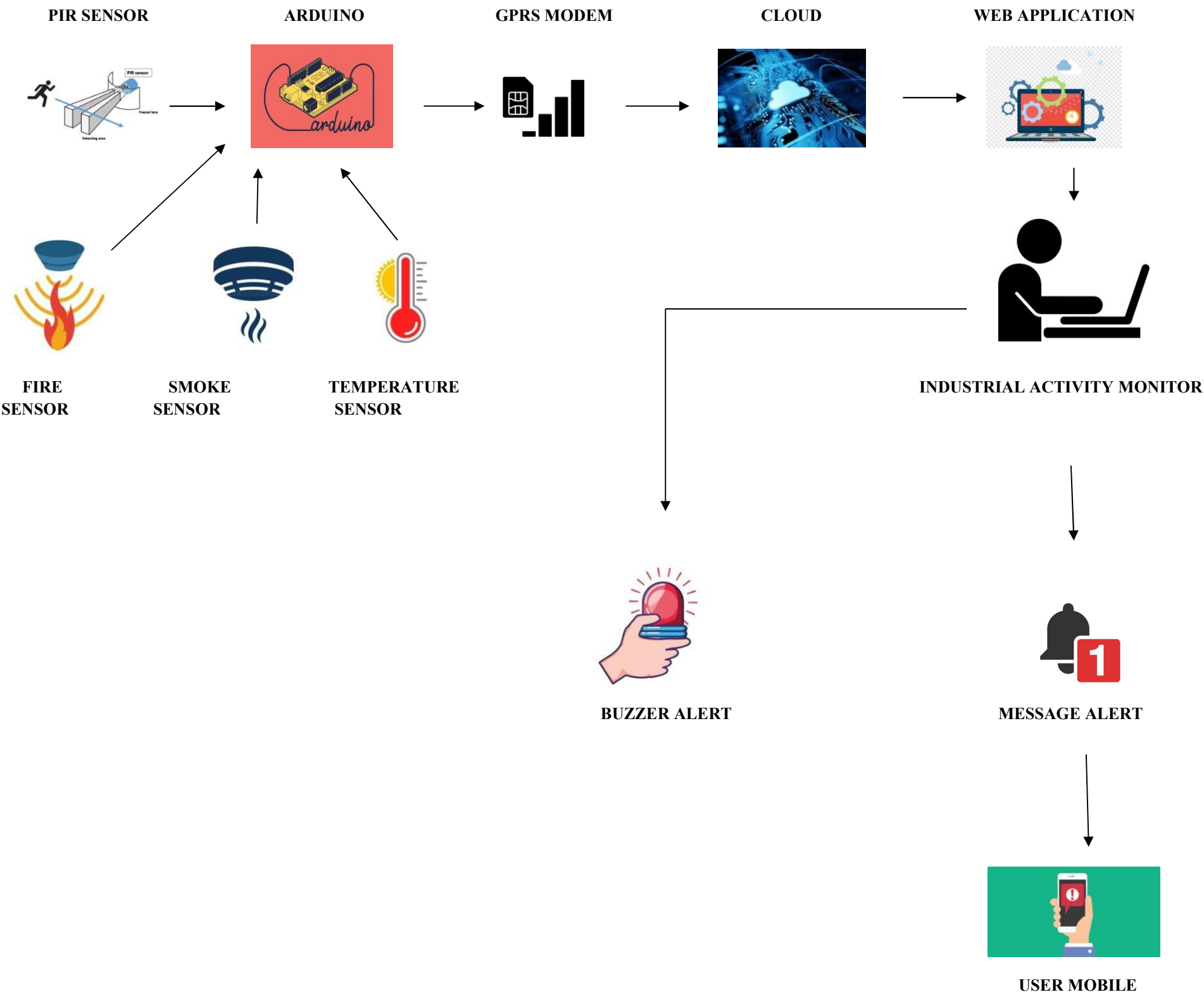
PROJECT DESIGN PHASE -II

Data Flow Diagram & User Stroies

DATE:	15/10/2022
TEAM ID:	PNT2022TMID32725
PROJECT NAME:	Hazardous Area Monitoring for Industrial Plant powered by IOT
MAXIMUM MARKS:	4 Marks

DATA FLOW DIAGRAM :

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



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