Project Design Phase-II
Data Flow Diagram & User Stories

Date	29 October 2022
Team ID	PNT2022TMID05161
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM
Maximum Marks	4 Marks

DATA FLOW GRAPH:
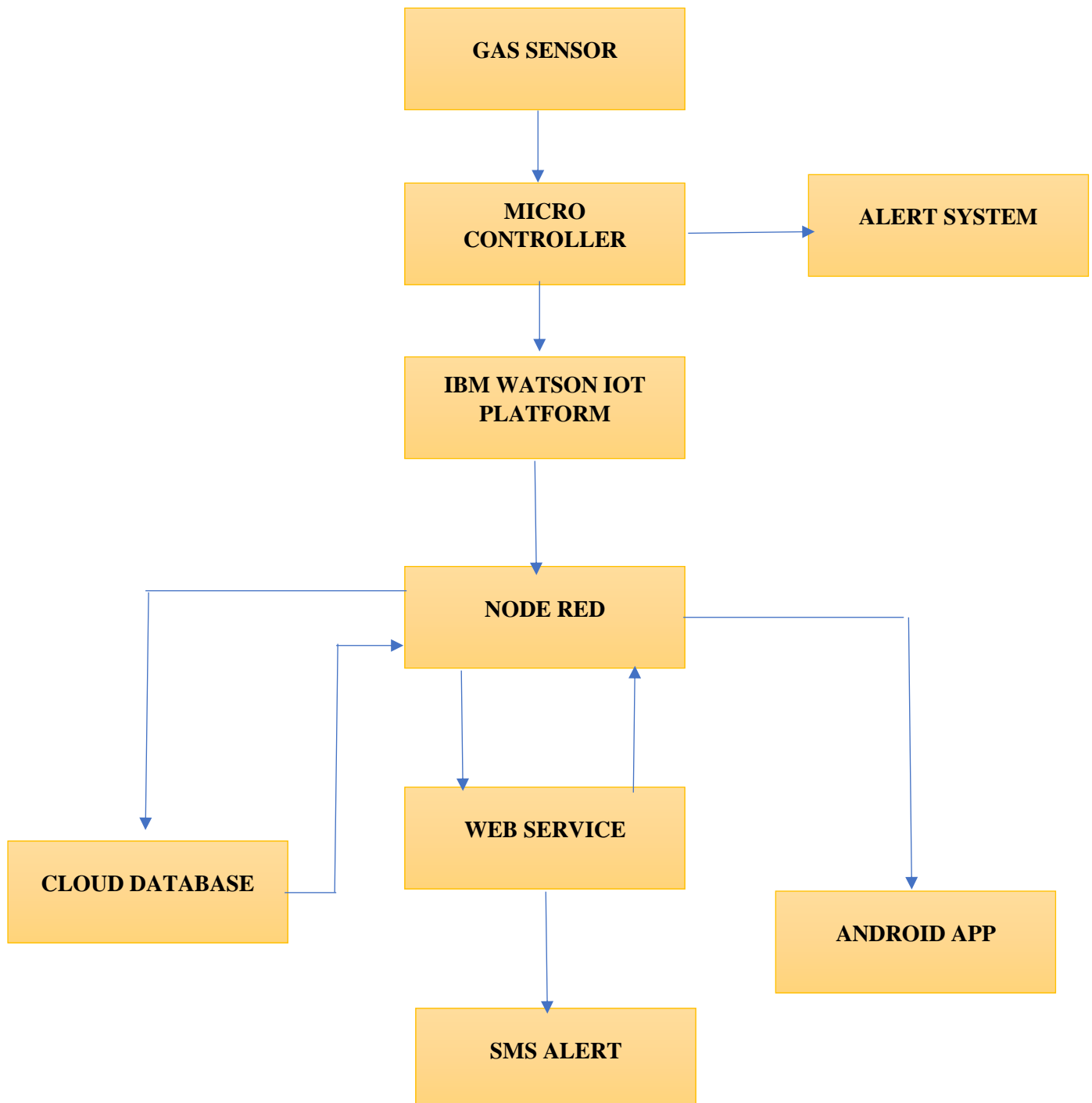
USER STORIES:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	priority	Release
Customer (Industry owner)	Registration	USN-1	As a user, I can register for the application by entering my email, password and confirming my password.	I can access my account / dashboard	High	Sprint-1
Customer (Industry owner)	Confirmation	USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
Customer (Industry owner)	Authorize	USN-3	As a user, I will enable the supervisor to monitor the gas leakage system status.	I can provide access to supervisor	High	Sprint-1
Customer (supervisor)	Login	USN-4	As a user, I can log into the application by entering email & password.	I can get access to dashboard.	High	Sprint-1
Customer (supervisor)	Monitor	USN-5	As a user, I can monitor the status of the gas leakage system	I can view the status of gas leakage system.	High	Sprint-1
Customer (line workers)	Notification	USN-6	As a user, I can get (alarm system) alert about gas leakage.	I can get alert about gas leak.	Medium	Sprint-2
Customer (supervisors)	Notification	USN-7	As a user, I can get SMS notification & alarming alert about gas leakage.	can get alert about gas leakage.	Medium	Sprint-2
Customer (Industry owner)	Notification	USN-8	As a user, I can get SMS notification about gas leakage.	I can get alert about gas leakage	Medium	Sprint-2
Customer (supervisor)	Sign-Up	USN-9	As a user, I can sign-up using Facebook login.	I can sign-up with the application using Facebook	low	Sprint-3
Customer (Industry owner)	Sign-Up	USN-10	As a user, I can sign-up using Facebook login.	I can sign up with the application using Facebook	low	Sprint-3
Administrator	Service Request	USN-11	As a user, I can request for service in case of any issue with gas leakage monitoring system	I can get service from provider	low	Sprint-3
Administrator	Increased Service	USN-12	As a user, I can request for scaling up the gas leakage monitoring system.	I can get service from the provider.	low	Sprint-4

TEAM MEMBERS:

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