Project Design Phase-II
Data Flow Diagram & User Stories

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Project Name	GAS PIPELINE MONITORING SYSTEM IN HOSPITAL

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. It shows how data enters and leaves the system, what changes the information, and where data is stored.

```
                    Power ON

                    Sensor output

                    A/D convertor                    LCD display

                                                      YES
              If sensor value                              Buzzer and LED ON
              is greater than
    NO          threshold

                                                      Motor stops

Motor starts

                                                  Alert msg sent the mobile
                                                  through GGSM mobile
zzer off and LED off

              YES
                              If reset button         NO
                                 pressed                   Wait for some delay
```
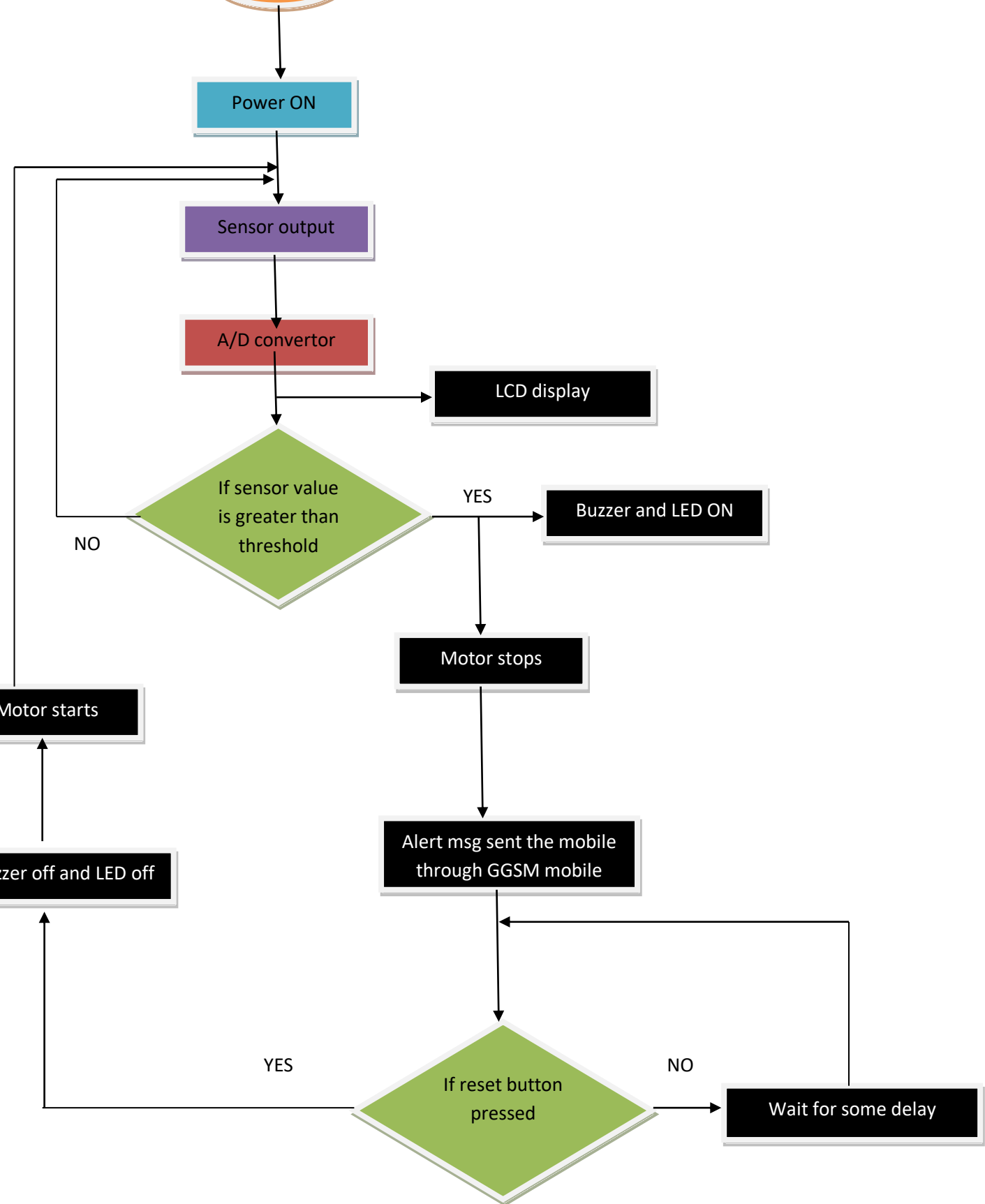
User Stories:

User Type	Functional Requirement	User story Number	User Story/task	Acceptance criteria	Priority
Customer (mobile user)	Registration	USN-1	As a user ,I can register for the application by entering my email, password and confirming my password	User can access the account / dashboard	High
		USN-2	As a user , I will receive confirmation email once I have registered for the application	User can receive confirmation message & click confirm	High
		USN-3	As a user ,I can register for the application through gmail	User can register& access the dashboard with online login platform	Low
	Login	USN-4	User can login into the application by entering one Time password in the login platform to access the smart bin portal	Receive the responding messagefrom the user end	High
	Dashboard	USN-5	User can be access their smart bin near their area to dispose		High

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