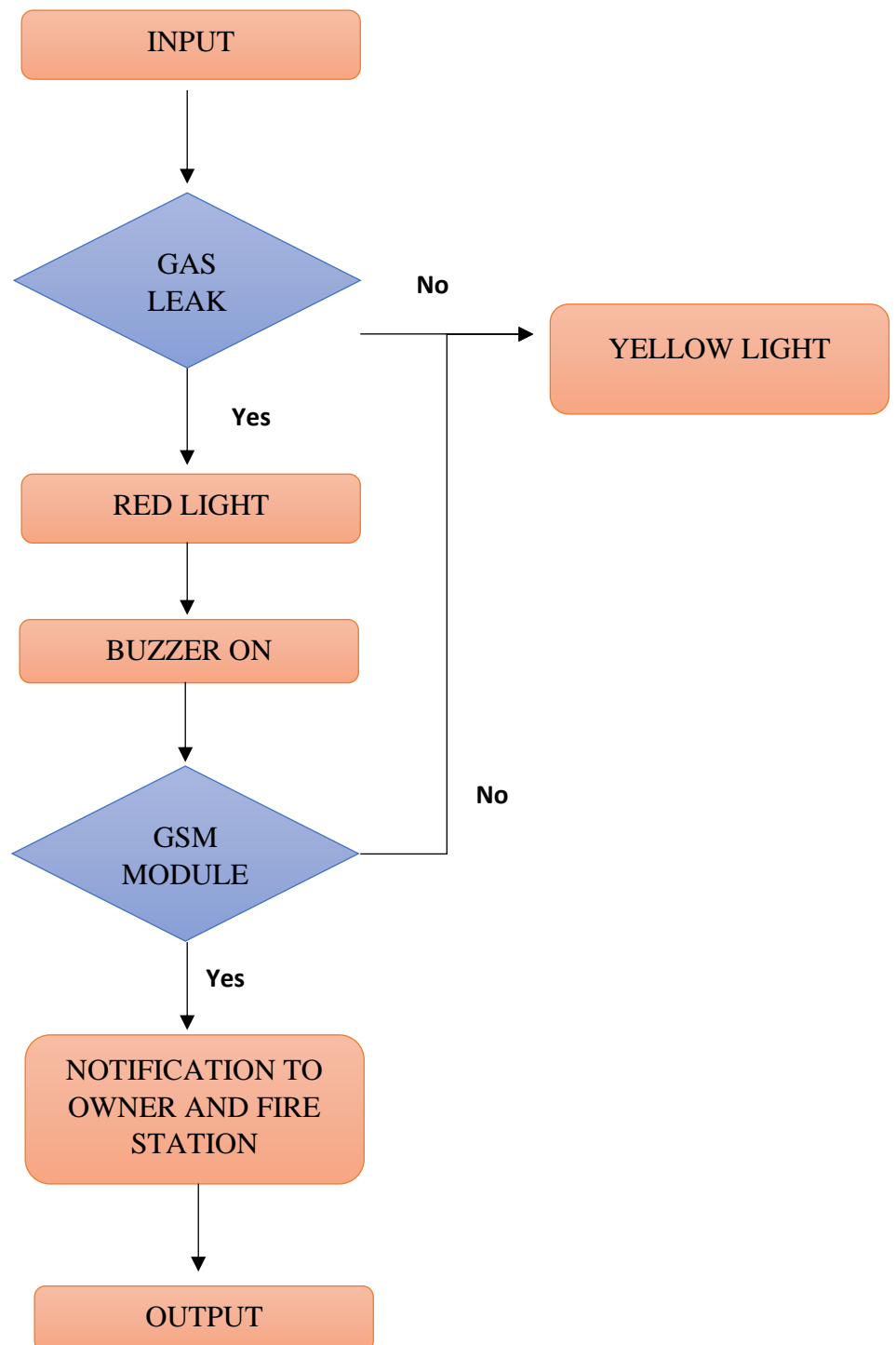


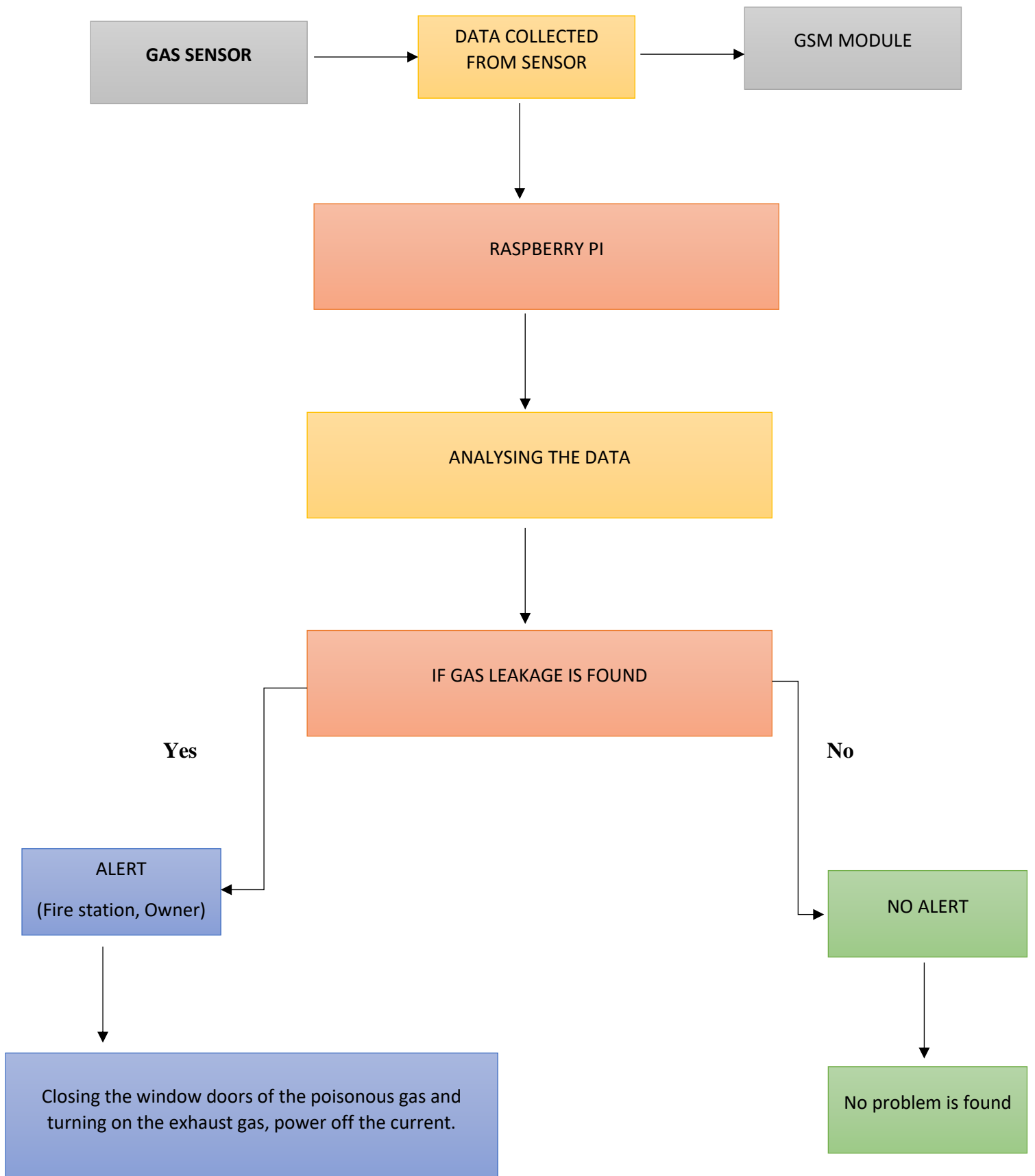
Project Design Phase – II
Data Flow Diagrams & User Stories

Date	16 October 2022
Team ID	PNT2022TMID21717
Project Name	Gas Leakage Monitoring and Alerting System

FLOW CHART:



DATA FLOW DIAGRAM:



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 the Web App	I can access my account/dashb oard	High	Sprint 1
		USN - 2	Register their credentials such as email id & password	I can receive confirmation email & click confirm	High	Sprint 1
	Login	USN - 3	Login to the portal using email id & password	Login to my account	High	Sprint 1
	Dashboard	USN - 4	User can view the level of gas	View the data given by the device	High	Sprint 2
Customer (Web user)	Usage	USN - 1	Can view the web page and get the needed information	View the data given by the device	High	Sprint 3
Customer	Working	USN - 1	Act according to the alert given by the device	Get the data work according to it	High	Sprint 3
		USN - 2	User turns on the exhaust/cuts the power off when the leakage is detected.	Get the data work according to it	High	Sprint 4
Customer care Executive	Action	USN - 1	Solve their issues when the user face some abnormal issues	I can solve the issue when one can fail to understand the procedure	High	Sprint 4
Administrator	Administration	USN - 1	Stores each and every information	Store the gained information	High	Sprint 4