ProjectDesignPhase-II
SolutionRequirements(Functional&Non-functional)

Date	19 September 2022
Team ID	PNT2022TMID30444
ProjectName	Project - GasLeakageMonitoringandAlerting System
MaximumMarks	4 Marks

FunctionalRequirements:

Followingarethefunctionalrequirementsoftheproposedsolution.

FR No.	FunctionalRequirement(Epic)	SubRequirement(Story/Sub-Task)
FR-1	Data fetch	ThedetailsofthegasleakedwillbetransferredtoIOT system.
FR-2	Transferringtouser	IOT,WIFI module
FR-3	Receivingin theuserend	Gasleveldetailswill be displayedthrough LCD,analarm will be beeps and the same data will be sent to the usermobileor pc.

Non-functionalRequirements:

Followingarethe non-functionalrequirementsoftheproposed solution.

FR No.	Non-FunctionalRequirement	Description
NFR-1	Usability	Setoftechniquesfordesignanddevelopmentare implemented.
NFR-2	Security	Strategicalimprovementoftheprocessensuresless risk.
NFR-3	Reliability	Accuracyandconsistencycheckisproperly maintained.
NFR-4	Performance	Achievesthegoalandcontributesto the existing problemin theindustry.
NFR-5	Availability	Informationaboutthe availabilityofresourcesare identified.
NFR-6	Scalability	Probabilityofperformanceishigh.