

**ProjectDesign Phase-II**  
**SolutionRequirements(Functional&Non-functional)**

Date	16October2022
TeamID	PNT2022TMID30456
Project Name	EXPLORATORY ANALYSIS OF RAIN FALL DATA IN INDIA ARCHITECTURE
MaximumMarks	4Marks

**FunctionalRequirements:**

Followingarethefunctionalrequirementsoftheproposedsolution.

FR No.	FunctionalRequirement(Epic)	SubRequirement(Story/Sub-Task)
FR-1	Datafetch	The detailsofthegasleakedwillbetransferredtoIoTsystem.
FR-2	Transferringtouser	IOT,WIFI module
FR-3	Receiving intheuserend	GasleveldetailswillbedisplayedthroughLCD,analarmwillbebeepsandthesamedatawillbesent totheuser mobileorpc.

**Non-functionalRequirements:**

Followingarethenon-functionalrequirementsoftheproposedsolution.

FR No.	Non-FunctionalRequirement	Description
NFR-1	<b>Usability</b>	Setoftechniquesfordesignanddevelopmentareimplemented.
NFR-2	<b>Security</b>	Strategicalimprovementoftheprocessensureslessrisk.
NFR-3	<b>Reliability</b>	Accuracyandconsistencycheckisproperlymaintained.
NFR-4	<b>Performance</b>	Achievesthegoalandcontributes totheexistingproblem intheindustry.
NFR-5	<b>Availability</b>	Informationabouttheavailabilityofresourcesareidentified.
NFR-6	<b>Scalability</b>	Probabilityofperformanceishigh.