

Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	03 October 2022
Team ID	PNT2022TMID30125
Project Name	Project real time water quality monitoring system
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	the user registration of our project is registering the website and can login the webpage and it also register the form
FR-2	User Confirmation	the user confirmation is after send the reach the confirmation message or mail after the fill the form
FR-3	EXTERNAL INTERFACE	the external interface are used in our project is hardware components and coding method
FR-4	REPORTING REQUIREMENT	the reporting requirement in our project is used to maintain pressure air humidity and pressure
FR-5	certification requirement	the certification requirement of our project is used to maintain the accuracy and quality

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The usability of this project is very essential the economic production used to well growth health and it is used for agriculture and maintenance of aquatic animals
NFR-2	Security	The security of this project is very essential, safe and secure if some other person wants to check this in

		this project.it will not show the parameters measure
NFR-3	Reliability	the reliability of this project are used to very efficient and it can move to next phase
NFR-4	Performance	The performance of this project is very good and excellent. it reduce time, cost and it give accurate solution
NFR-5	Availability	the availability of this project are very accurate and efficient performance
NFR-6	Scalability	the scalability of this project is little bit advanced because it is very high external requirements are used