

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

Date	03October 2022
Team ID	PNT2022TMID48179
Project Name	Project - real time water quality monitoring system
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution

S No	Functional Requirement	Sub Requirement (Sub-Task)
1	User Requirements	River water Protection Monitors PH, Salinity, Turbidity, Conductivity and dissolve solvents and to analyze the quality of river water
2	User Registration	the user registration of our project is registering the website and can login the webpage and it also register
3	User Confirmation	the user confirmation is after send the reach the confirmation message or mail after the fill the form
4	certification requirement	the certification requirement of our project is used to maintain the accuracy and quality
5	logout	Log out the user successfully

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	usability is a measure of how well a specific user in a specific context can use a product/design to achieve a defined goal effectively, efficiently and
NFR-2	Security	Sign in to use Google's Security Checkup to strengthen your online security. Secure your data & devices. Add extra protections. Check recent security events.
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