

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

Date	03 October 2022
Team ID	PNT2022TMID13407
Project Name	Project – Real Time River Water Quality Monitoring And Control 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	Registration through Form Registration through Gmail Registration through mobile call
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP Confirmation via Message
FR-3		
FR-4		

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	It help the public to get a detailed information about the drinking water and it can be utilized through message and mails or it may be through mobile calls
NFR-2	Security	More users are involved in this process, even though it contain multiple users, the user data are more safe and secure
NFR-3	Reliability	It is public oriented project and it contain more flexible data, the user can access this with more secure and stable manner
NFR-4	Performance	It is public project and performance need to be high, the tester can monitor the performance all the 24/7 time and it is more convenient to user
NFR-5	Availability	Availability of free service and moreover it is installation and download free process
NFR-6	Scalability	It can withstand over a long period of time, easily usable product and utilisation of more technologies