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

Date	03 October 2022
Team ID	PNT2022TMID49915
Project Name	Real time water quality monitoring and control system

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
FR-2	User Confirmation	Confirmation via Email
		Confirmation via OTP
FR-3	User Dashboard	Can access the dashboard

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	To determine the drinking water standards like PH,Turbidity
NFR-2	**Security**	Manage the safety and security of drinking water services
NFR-3	**Reliability**	The system is more reliable because of its system adequacy and system security.
NFR-4	**Performance**	High performance because of the system efficiency
NFR-5	**Availability**	High availability because it allows continuous functioning, even some of its components fail.
NFR-6	**Scalability**	More number of users can be access the data