Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	18-11-2022
Team ID	PNT2022TMID03218
Project Name	IOT Based Real-time River Water Quality Monitoring and Control System
Maximum marks	

Functional Requirements:

Following are the functional requirements of the proposed solution

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	View Water Details	View current water details in website View traditional water eligibility in website

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Load time for user interface screens shall not be more than 2 seconds.
NFR-2	Reliability	Users can access their account 98% of the time without failure
NFR-3	Performance	Load time for user interface screens shall not be more than 2 seconds.
NFR-4	Availability	Maximum down time will be about 4 hours
NFR-5	Scalability	System can handle about 1000 users at any given time