

REQUIREMENTS ANALYSIS USING CRITICAL THINKING

ANALYSIS, INTERPRETATION, MODELING

Date	03 October 2022
Team ID	PNT2022TMID43287
Project Name	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 Linked IN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Objective	Describer what product does
FR-4	End result	Define product features
FR-5	Focus	Focus on user requirements
FR-6	Origin type	Usually defined by user

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	A quality attribute that assesses how easy user interfaces are to use.
NFR-2	Security	Securing the premises and personnel by staying on patrol, monitoring surveillance equipment, performing building inspections, guarding entry points, and verifying visitors.
NFR-3	Reliability	The probability that a product, system, or service will perform its intended function adequately for a specified period of time, or will operate in a defined environment without failure.
NFR-4	Performance	The execution of an action
NFR-5	Availability	The ability of a user to access information or resources in a specified ...
NFR-6	Scalability	The measure of a system's ability to increase or decrease in performance and cost in response to changes in application and system processing demands.