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

Date	14 November 2022
Team ID	PNT2022TMID33136
Project Name	Virtual Eye – Life Guard For Swimming Pools To Detect Active Drowning
Max Marks	2 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR.NO	Functional Requirement	Sub requirements
FR-1	Installation	Needed to be fixed under the water without creating any disturbance to the people in the swimming pool.
FR-2	Deduction	Either horrified or in unconscious
FR-3	Audio	Ask for help or stay quiet if the person is unconscious
FR-4	Support	Take swim tubes or take the help of rescuer
FR-5	Prior Control	Send alert message to the lifeguard

Non-functional Requirements:

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

NFR.NO	Non-Functional Requirement	Description
NFR-1	Usability	To ensure the safety of each and every person present in the pool. A Lifeguard should be present all the time in the pool.