Ideation Phase
Define the Problem Statements

Date	23 October 2022
Team ID	PNT2022TMIG26961
Project Name	Virtual Eye-Life Guard For Swimming Pools to Detect Active Drowning
Maximum Marks	2 Marks

What does this problem focus on?

Swimmers, especially beginners often feel it difficult to breathe underwater which causes breathing trouble which in turn causes a drowning accident.

When does this occur?

Drowning happens very quickly, but it does take place in stages. The stages can take between 10 and 12 minutes before death occurs.

Why do we need this?

It detects potential drownings and promptly notifies you. It features the latest artificial intelligence technology and adapts to the needs of the user.

How to do this?

Cameras detect the movements of every swimmer in the pool.The artificial intelligence of the software analyzes the images acquired by the cameras in real time and identifies situations of danger or drowning.

Where it is used?

In swimming pools.