

Ideation Phase

Define the Problem Statements

Date	19 September 2022
Team ID	PNT2022TMID53114
Project Name	VirtualEye - LifeGuard for Swimming Pools to Detect Active drowning
Maximum Marks	2 Marks

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A swimmer	Swim without being in the threat of potentially drowning at a public pool	There is a small chance that I might drown	The lifeguards have a chance of not successfully saving a drowning person due to human error.	Threatened
PS-2	A pool Owner	Expand my business and attract more customers	There is an unwillingness to take part in swimming	Anecdotes of fatal drowning experiences in pools in my region	Frustrated
PS-3	A lifeguard	Perform my duties and save as many swimmers without negligence	I sometimes fail to notice a drowning victim underwater	I am not able to see underwater when the pool is very crowded	Incompetent
PS-4	Parent	Help my child learn swimming	There is a risk that they might drown	Lifeguards may not notice such a small child inside the water	Afraid