

Ideation Phase
Define the Problem Statements

Date	7 October 2022
Team ID	PNT2022TMID33743
Project Name	VirtualEye - Life Guard for Swimming Pools to Detect Active Drowning
Maximum Marks	2 Marks

Problem Statement :

Swimming is one of the best exercises that helps people to reduce stress in this urban lifestyle. Swimming pools are found larger in number in hotels, and weekend tourist spots and barely people have them in their house backyard. Beginners, especially, often feel it difficult to breathe underwater which causes breathing trouble which in turn causes a drowning accident. AngelEye is a leader in the pool safety market and offers systems for drowning detection and prevention. The most innovative software technologies developed by AngelEye and patented underwater cameras detect all the movements of swimmers by providing notifications to safety.

Problem Statement (PS)	I am (Customer)	I'm trying to But Because Which makes me feel
PS-1	How this helps me?	<p>By studying</p> <p>body</p> <p>movements</p> <p>and patterns</p> <p>we provide</p> <p>The system is</p> <p>not</p> <p>designed</p> <p>to replace</p> <p>Because it</p> <p>acts as an</p> <p>additional</p> <p>tool and</p> <p>saves life.</p> <p>By this method</p> <p>customer feels very</p> <p>safe while swimming.</p>

		<p>under water</p> <p>pool saving</p> <p>system.</p> <p>a lifeguard</p> <p>or other</p> <p>human</p> <p>monitor</p>
PS-2	How it saves children?	<p>By fixing</p> <p>sensors we</p> <p>try to predict</p> <p>the under</p> <p>water</p> <p>pressure and</p> <p>water</p> <p>condition.</p> <p>Because</p> <p>Children under six</p> <p>underwater</p> <p>of their</p> <p>situation</p> <p>age are</p> <p>can't be</p> <p>found to</p> <p>easily</p> <p>be</p> <p>observed.</p> <p>suffering</p> <p>this</p> <p>problem.</p> <p>Children feels safe</p> <p>while playing in pools</p> <p>because the active</p> <p>sensors monitor the</p> <p>water actions</p> <p>continuously.</p>