

Ideation Phase

Define the Problem Statements

Date	15 OCTOBER 2022
Team ID	PNT2022TMID01218
Project Name	Project – VirtualEye – Lifeguard for Swimming Pools to Detect Active Drowning
Maximum Marks	2 Marks

Customer Problem Statement Template:

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. Worldwide, drowning produces a higher rate of mortality without causing injury to children. Children under six of their age are found to be suffering the highest drowning mortality rates worldwide. Such kinds of deaths account for the third cause of unplanned death globally, with about 1.2 million cases yearly. To overcome this conflict, a meticulous system is to be implemented along the swimming pools to save human life.

I am	<small>Describe customer with 3-4 key characteristics - who are they?</small>	Describe the customer and their attributes here
I'm trying to	<small>List their outcome or "job" the care about - what are they trying to achieve?</small>	List the thing they are trying to achieve here
but	<small>Describe what problems or barriers stand in the way - what bothers them most?</small>	Describe the problems or barriers that get in the way here
because	<small>Enter the "root cause" of why the problem or barrier exists - what needs to be solved?</small>	Describe the reason the problems or barriers exist
which makes me feel	<small>Describe the emotions from the customer's point of view - how does it impact them emotionally?</small>	Describe the emotions the result from experiencing the problems or barriers

Reference: <https://miro.com/templates/customer-problem-statement/>

Example:

<small>I am</small> swimmer	<small>I'm trying to</small> book for my swimming sessions.	<small>But</small> I think I may not be a good swimmer.	<small>Because</small> I didn't have a proper guidance.	<small>Which makes me feel</small> anxious.
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Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Saajid	Improve my swimming skills.	I don't have enough time to practice.	I couldn't hold my breath for long time.	Eager to learn.
PS-2	Priya	Trying to be a good swimmer.	I'm afraid of drowning.	I didn't have proper guidance.	Anxious.