

Ideation Phase

Define the Problem Statements

Date	19 September 2022
Team ID	PNT2022TMID13390
Project Name	VIRTUAL EYE – LIFE GUARD FOR SWIMMING POOLS TO DETECT ACTIVE DROWNING
Maximum Marks	2 Marks

Customer Problem Statement Template:

Reference: https://miro.com/app/board/uXjVPTgFbCk=/?share_link_id=413672137552

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1 Hard to focus on huge people while training them.	Trainers	Focus on all the Budding Swimmers.	I can't focus huge people at the time.	It hard for human ability	Difficult when this situation goes beyond my control
PS-2 Lack of close supervision in budding Swimmers.	Budding Swimmers	Learn Swimming	Trainer has less supervision on my activity	There are huge crowd	Loss my courage of learning Swimming
PS-3 To detect alcoholic people near the water if their activity are strange or rude	Visitor	understand Rules and Training of the institution	Trainer can't manage all the work	Crowd is beyond the control	Anxiety of Joining the Institution
PS-4 To resolve Seizure disorders (Hypoxic brain injury) .	Doctor	Resolve this issues	This problem is hard to resolve	The problem is critical	Frustration to function the brain



Problem Statement:

The person who is swimming in a pool needs to be rescued as soon as possible if he/she is drowning so that he/she does not die and swim without the fear of drowning.

Who does the problem affect?

The problem affects a lot of people than we think it does. It affects,

- The person who drowns loses his life.
- The person's kin and kith become traumatized by the loss of their loved one.
- The fellow swimmers who used to practice along with the person who drowned get their confidence and passion towards swimming lowered.

What is the issue?

Though Swimming is a healthy exercise and popular sport there is always a risk of people drowning. More than the fear of losing a swimming competition the fear of drowning affects a lot of people making them refrain from practicing.

When does the issue occur?

The issue may occur during the following scenarios:

- When a person learns swimming.
- When a person goes unconscious in a swimming pool.
- When a person gets exhausted in a swimming pool.

Where is the issue occurring?

The issue usually occurs in a swimming pool.

Why is it important that we fix the problem?

According to the U.S. Consumer Product Safety Commission, 390 deaths a year on average are attributed to drowning in a swimming pool. If we can fix this problem then it directly saves around 400 lives a year, this is why it is important.