

Project Design Phase-I
Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID4953
Project Name	Virtual eye- life guard for swimming pools to detect active drowning
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Children and Young people like beginners often feel it difficult to breathe underwater which causes breathing trouble which in turn causes a drowning accident.
2.	Idea / Solution description	The camera is connected with (AI) system. It monitoring the every movement of the peoples in the pool.
3.	Novelty / Uniqueness	It is higher then an alert will be generated to attract lifeguard's attention.
4.	Social Impact / Customer Satisfaction	This technology has the advantage of instantly identifying and alerting the person who is drowning in a short amount of time and Its look like an extra life guard. Its used for monitoring the each person.
5.	Business Model (Revenue Model)	<ul style="list-style-type: none">● App and device offered for the customers.● Child and People who are beginners to swim is our target customers.● They want to tell the benefit of our products to the partners, activities,resources.● By selling our device with app the revenue is generated.
6.	Scalability of the Solution	It increase visibility in areas of the pool and Its look like an extra life guard.