

Project Design Phase-I
Proposed Solution Template

Date	20 September 2022
Team ID	PNT2022TMID00150
Project Name	Project – Virtual Eye
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)	To detect a drowning person and to alert the trainer.
2.	Idea / Solution description	By using YOLO method, the drowning person must be detected using machine learning and artificial intelligence techniques and once a person is detected the trainer will be alerted and the drowning person can be saved.
3.	Novelty / Uniqueness	Using YOLO method even if the person is detected once he will be notified to the trainer and alarm sound is played to save the person. By using human detection system if a person is found he will be saved.
4.	Social Impact / Customer Satisfaction	Crucial life of swimmers can be saved. It also increases the confidence of swimmers.
5.	Business Model (Revenue Model)	Once this model becomes a success. This model can be sold to private swimming pools and it can be sold for whooping prices. As it can support the trainers to look for drowning swimmers.
6.	Scalability of the Solution	It can be implemented to efficiently save people's life and can be used as a business model to generate revenue from private swimming pool.