Proposed Solution Template

Date: 25th September 2022
Team ID: PNT2022TMID00795
Project Name: VirtualEye - Life Guard for Swimming Pools to Detect Active Drowning.
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S. No.	Parameter	Description
1.	Problem Statement	If someone is drowning while swimming in a pool, immediate assistance is required so that the individual can continue swimming without the risk of dying.
2.	Idea / Solution description	We came up with a solution that detects drowning people with help of deep learning and computer vision techniques
3.	Novelty / Uniqueness	The proposed system uses a state-of-the-art object detection model to detect a drowning person in real-time with the highest degree of accuracy.
4.	Social Impact / Customer Satisfaction	This ensures the safety of all swimmers and promotes a safe environment for swimming in swimming pools.
5.	Business Model (Revenue Model)	Subscription model - The subscription business model is a business model in which a customer must pay a recurring price at regular intervals for access to a product or service.
6.	Scalability of the Solution	Since this is a cost-effective model, it can be implemented in all swimming pools.