Project Design Phase -1

Proposed Solution Template

Team ID	PNT2022TMID24569
Project Name	Virtual Eye - Life Guard for swimming pools to detect active drowning
Maximum Marks	2 Marks

S.No.	Parameter	Description
1	Problem Statement (Problem to be solved)	The mechanism that detects drowning every mishap and risky circumstance. This programme operates with tight integration having the pool's cameras installed, you may periodically scan the pool. This technology can also record everything. the pool activities and to categorise scenarios that are more serious than usual in order to record what took place. The integrated notification mechanism approximately 10 seconds, alerts are produced on smartphones, flashing lights, smartwatches, and additional programmable gadgets In light of this, a thorough system installed alongside the pools in order to save lives. examining the body connections between movement patterns artificial intelligence to cameras (AI) technologies for pool safety that we can develop mechanism that lowers the chance of drowning
2	Idea / Solution description	Using movement analysis, this system and form, assessing swimmers' health based on a visual monitoring system Providing a warning signal to the lifeguards,

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		offers a method for identifying drowning Name of the Project Virtual Eye - Lifeguard for using swimming pools to spot potential drowning Name of the team Cyber Patriots incidents. Despite being difficult in many ways, A successful system will result in priceless the worth of saving lives.
3	Novelty / Uniqueness	Virtual Eye has created a creative concept for giving another life and the ambulance notice if there is any lag time in storing the death of a person.
4	Social Impact / Customer Satisfaction	Floundering results in a greater rate of incapacitation without harming children. They find children that are under six years old.to experience the highest rate of drowning global mortality rates these sorts of Deaths are the third source of Unexpected deaths worldwide totaling 1.2 annual million instances. In order to resolve this contradiction, a careful system will be put into place along the swimming pools can help save lives. by seeing how the body moves and the linking of cameras to artificial AI systems that we may design an technique for ensuring pool safety underwater decreases the chance of drowning
5	Business Model (Revenue Model)	Currently, there are several products. accessible in this respect.Once properly designed, our solution has enough potential to be successful a product that can save drowning people.

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6	Scalability of the Solution	Our suggested remedy is quite scaleable, i.e., In the future, there will be several rooms. enhancing our current model by adding additional capabilities to improve our future operating system.