NALAIYATHIRAN

VirtualEye

Life Guard for Swimming Pools to Detect Active Drowning

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PROBLEM STATEMENT

Virtual eye - Lifeguard for swimming pool to detect active drowning

Safety in swimming pools is a crucial issue. In this a real time drowning detection method based on HSV color space analysis is presented which uses prior knowledge of the video sequences to set the best values for the color channel

RECOMMENDED TECHNOLOGY

- Data Science
- Computer Vision
- Artificial Intelligence
- IBM Watson
- etc

USE-CASE

- Drowning is the 3rd leading cause of unintentional injury death worldwide,Each year many people including children are drowned or very close todrowning in the deeps of the swimming pools

- One important environment that the need for monitoring systems is crucially sensed is the swimming pool.

USE-CASE

- Real-time detection of a drowning person in swimming pools is a challenging task that requires an accurate system.

- In this application with using some advanced technologies, we can identify if anyone is drowning in a live video feed and then send an alert immediately.

Business Model/Impact

- Can generate revenue from direct customers, like lifeguards, and collaborate with maritime sector and other Swimming pool authorities.

THANK YOU