1. CUSTOMER SEGMENT(S)

CS

Owners of stadium, schools and localities having

6. CUSTOMER CONSTRAINTS



RC

- Installation cost is high.
- Cameras should be maintained properly for good results.
- Network connectivity should be good for faster alert transmission.
- 24/7 Power supply should be available.

5. AVAILABLE SOLUTIONS



Explore

AS,

differentiate

Earlier days drowning of individuals were identified by manual monitoring by the swimming pool attendant but it has some difficulties like not able to monitor all the individuals in the swimming pool.

SOLUTION:

We use YOLO model in drowning detection, the accuracy of detecting active drowning is high

As many cameras were installed everyone is being monitored at a time and the alerts are given instantly.

Alerts were given instantly.

DEMERITS:

Detection becomes difficult if the pool is clumsy.

2. JOBS-TO-BE-DONE / PROBLEMS

Conscious In The Pool.

There Is A Safety Flaw To Swimmers As

They Might Drown In Certain Conditions

as There Is No Assurance That The

Swimmer Is Always Healthy And

It is a difficult task to keep an eye on all

the swimmers/individuals at the same



The root cause for the problem to occur is that many don't have health conscious and leads to drowning.

9. PROBLEM ROOT CAUSE

Another reason is not having proper training.

And for a attendant during clumsy situation it is difficult to monitor all the individuals.

7. BEHAVIOUR



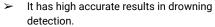
DIRECTLY RELATED:

Finding the best drowning system by analysing the performance and rating of the system, checking cost efficiency, feasibility and the total capital cost needed for installation .

INDIRECTLY RELATED:

Customers hire for pool attendants to monitor the swimmers individually.

3. TRIGGERS



It sends Alerts.

time.

- It has an automated and manual alert system.
- It is built using Standard Technologies.

TR 10. YOUR SOLUTION



- Using our model and the CNN and YOLO algorithms, we can forecast drowning incidents in swimming pools. To obtain very accurate results, we specifically use version 7 of the YOLO algorithm.
- Annually 1.2 million individuals confront spontaneous passing due to suffocating globally. This passing rate will be decreased by actualizing this solution.
- Thus it may be a lifesaving show, it can be utilized by fledglings and unpredictable swimmers. It cautions close by swimmers who protect the suffocating one.

8.CHANNELS of BEHAVIOR



8.1 ONLINE

Dashboard access to live AI detection.

8.2 **OFFLINE**

Customers can use Customer support.

strong 뒳