Virtual Eye - Life Guard for Swimming Pools to Detect Active Drowning

Problem Statement:

Safety in swimming pool 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 vedio sequence to set the best value for color channels.

Big Idea

Ejection fraction for earlier predict Time decrement

Pulse rate

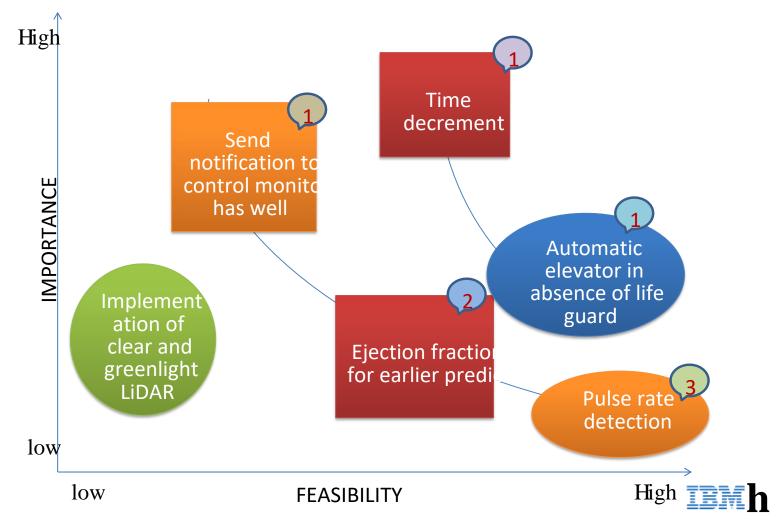
detection

Automatic elevator in absence of lifeguard

Send notification to control monitor has well

Implementatio n of clear and greenlight LiDAR

Idea Prioritization



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