

## Sprint 4 - test cases

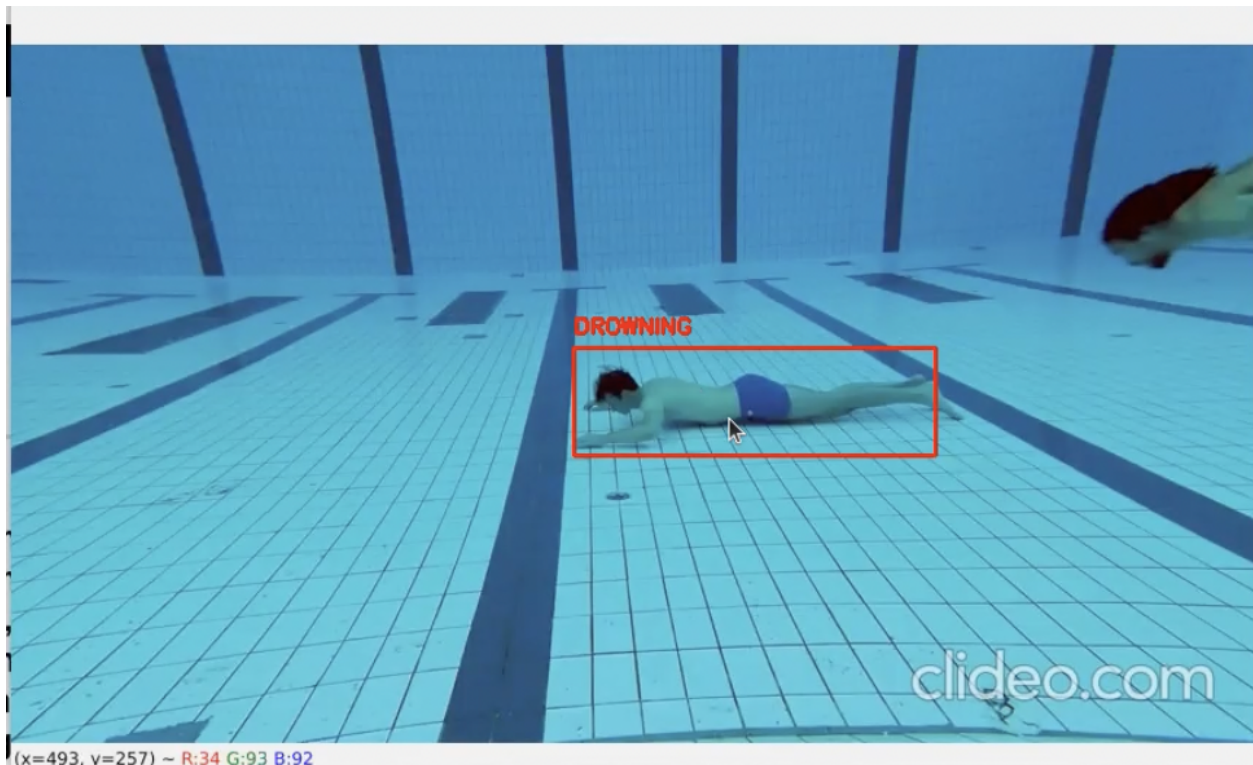
Date	18 November 2022
Team ID	PNT2022TMID53114
Project Name	VirtualEye - Lifeguard for swimming pools to detect active drowning

In this sprint, we aimed to detect active drowning, by building on the bound-box construction model developed in sprint 3.

The basic logic is as follows:

If the bound box centroid remains stationary / motionless for a threshold of 5 seconds,  
The swimmer is identified to have lost consciousness underwater and the alarm  
(alarm.mp3) is rung.

### Case 1 : identifying drowning from horizontal viewing angle (successful)



**Case 1 : identifying drowning from horizontal viewing angle**  
**(unsuccessful)**

