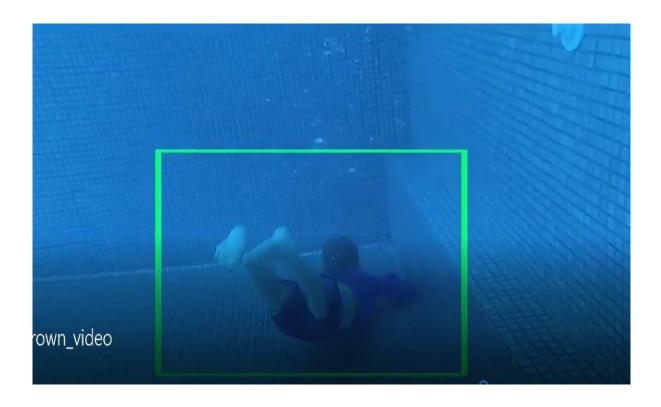
Project Development Phase Sprint - 4

Date	12 November 2022
Team ID	PNT2022TMID51944
Project Name	Virtual Eye - Life Guard for Swimming Pools
	to Detect Active Drowning
Maximum Marks	4 Marks

- ➤ In this Sprint we have executed the code successfully and the output Screenshot is attached in this file in which a person is detected drowning.
- After the detection of drowning the alarm sound will be activated and Life guards rescues that person from drowning.



```
app.py > ...
       import re
        import numpy as np
       import os
       from flask import Flask, app,request,render_template
       import keras
       from keras import models
       from keras.models import load_model
        Pom tensorflow.python.ops.gen_array_ops import concat
       from keras.applications.inception_v3 import preprocess_input
 10
       import cvlib as cv
       from cvlib.object_detection import draw_bbox
       import cv2
       import time
       import numpy as np
       from playsound import playsound
       import requests
       from flask import Flask, request, render_template, redirect, url_for
PROBLEMS 2 OUTPUT
                                            TERMINAL
                                                        JUPYTER
                                                                  SOL CONSOLE
4.821165323257446 s
bbox: [[121, 114, 801, 370]] centre: [461.0, 242.0] centre0: [460.0, 242.0]
Is he drowning: False
6.015161514282227 s
bbox: [[123, 114, 801, 370]] centre: [462.0, 242.0] centre0: [461.0, 242.0] Is he drowning: False 7.217049837112427 s
bbox: [[154, 103, 790, 371]] centre: [472.0, 237.0] centre0: [462.0, 242.0] Is he drowning: False
8.357762813568115 s
bbox: [[154, 103, 786, 369]] centre: [470.0, 236.0] centre0: [472.0, 237.0] Is he drowning: False
9.569571495056152 s
bbox: [[166, 96, 794, 370]] centre: [480.0, 233.0] centre0: [470.0, 236.0] Is he drowning: False
11.458506345748901 s
bbox: [[166, 93, 796, 371]] centre: [481.0, 232.0] centre0: [480.0, 233.0]
Is he drowning: True
```