Hand Over

We met with our client for handover through two meetings, these occurred on 3/11/2022 and 7/11/2022.
During the first meeting, we ran over the demo product with the client and detailed the product that we had completed and handed in for the portfolio. Product files and deliverables that could be shared included;

- Model weights and config files
- Demo model videos (of bounding boxes)
- The three scripts that run on the Raspberry Pi

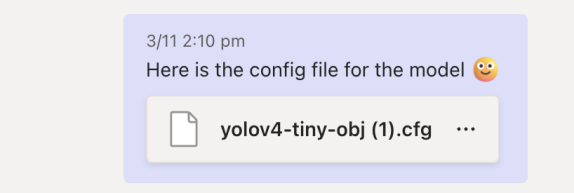
Final handover and discussion of the product would occur later on 7/11/2022. This was due to waiting for a final piece of equipment for the raspberry pi, and due to the client having covid-19.

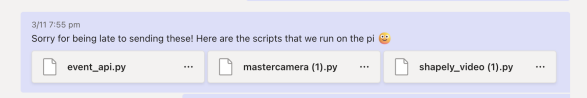
Documentation

Documentation from the project including research, diagrams explaining the system. It was discussed that the GitHub portfolio would be shared with the client so that access to all documents would be available to Inviol.

Software

On 3/11/2022 walkthrough of what the code does occurred, and talks as to how the code could be optimized happened. The optimisation can occur through figuring out whether OpenCV and/or the Shapely packages were slowing down the process of creating the output videos. All versions of the scripts are shared with the client through the portfolio. This occurred after the meeting on 3/11/2022 in which the scripts were shown and understood by the client.





Hardware

As the hardware for the project is required for the team poster presentation, hand over of the hardware will occur later in the week. It has been organized that a team member will drop off the equipment to the client. The equipment to be dropped off includes;

- The raspberry pi
- Battery pack
- Fan kit
- Chest strap
- PPE gear (used for demo on poster day)

Discussions with Client

The client was happy with the scope and product that was achieved. As discussed before, the optimization of the opencv code on the raspberry pi is slower than intended. However, moving to a processing stick and tensorflow object detection would speed this up (switching from

processing on GPU instead of CPU). It was agreed with the client that this would be a good next step to optimising the camera if the project was to continue.