Meeting 7

**Started:** 4:10 pm

**Agenda:**

* Moving to yolov3
* Discussion of progress

**Attendees:**

* Jay - Present
* Mark - Absent
* Kenneth - Presents
* Pablo - Absent
* Owen – Presents

**Moving to yolov3:**

After much discussion we voted against the use of using yolov3 as it may take up away from out current project and also may take a long time to utilise.

**Progress on program**

We have our program testable with video data. Where it will predict the image and create a new video in the mp4 file format.

We discussed areas where we could get video data. Youtube was one of the places we suggested to get video footage for testing. However this will need to be run by the lecturers in case this breaks any rules/ethics.

The gui has been started with a box layout and some buttons which allows you to select a file and then run it. Owen is using TKinter to do this.

Owen talked about how he wanted the GUI to present the results in their own videos in a TKinter box instead of bringing up the windows photo browser. I recommended using cv2 for manipulating and presenting images.

This brought on the discussion of who will be adding a argument parser to the testing file for use in the GUI.

Owen mentioned he was struggling with understanding how to make the API work. Kenneth said he would help him do some research into how they are created.

**Additional discussions:**

We talked about how the virus is affecting us. It doesn’t affect me (Jay) or Kenneth. However, it has been affecting Owen quite a bit as his internet quality has been reduced. So, downloading large datasets is a problem.

We talked about the model not improving, and further steps we can take to change this. Owen said we adapt our model to be like others. I agreed to try and do this for the next meeting.

Owen asked about if we needed more data. I said with iterative development out the window we should just focus on cars and our dataset is already reasonably sized.

Owen offered some video surveillance footage that I Kenneth could use to test the video input of the testing program.

**Plan for next meeting:**

Due in 2 weeks when more progess has been made

Agenda:

* Discussion of progress on program

**Ended:** 4:24 pm