**Summary till 29th, Nov and Plan in Dec**

I have got a basic knowledge of Django framework and tried an online picture detection page via Django and YOLOv3. After that, I learned how to post the video captured by my PC camera to a web page concurrently. I also tried the video object detection using YOLOv5 with the code provided by YOLO official.

In December, my plan is to push forward the project in the following several points.

1. See how YOLOv5 captures the video stream and makes prediction in real time.
2. Try to turn the offline YOLOv5 into an online application. When the http requests with a video stream comes, the app can give back the video with its prediction and bounding boxes in a tolerable delay.
3. Package both inputs and outputs into JSON data format to make preparation for backend and frontend separation in the next steps.