Deeploy CV Project

Sample Assignment : 2

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Question 1

Insights Learned

In this assignment, I learned how to use SSD MobileNet to detect objects in a video. It was cool to see how the model could find and name things in the frames, like it had eyes of its own. I also got to understand how confidence scores work, helping the model decide which detections it's sure about and which ones might not be right. Link to files Code: Click here for YOLO.
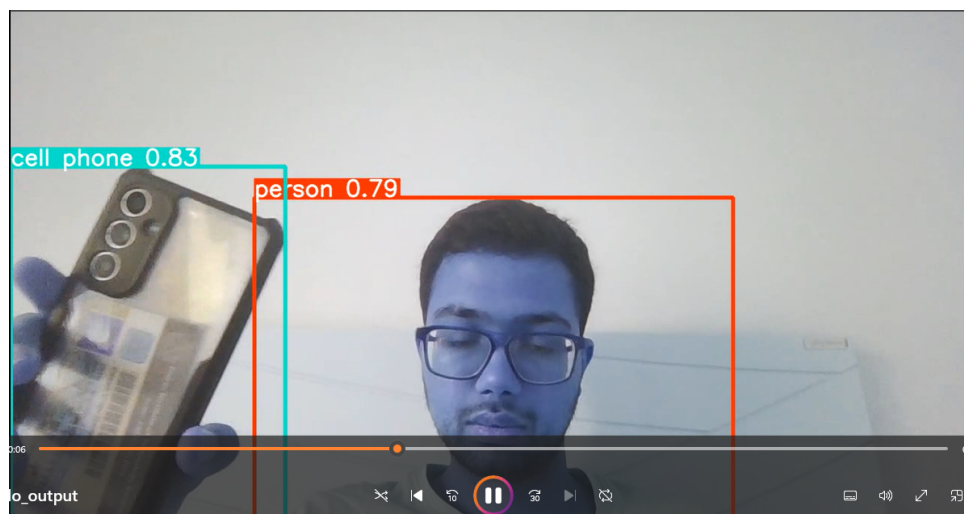
Output Image

Figure 1: Output Image for Question 1.

Question 3

Insights Learned

Confusingly, this time I figured a not-so-optimal but still 'better' way to identify whether the image given has an Indonesian flag or a Polish flag. Link to Github Code: Click here.

Output Image

Figure 2: Output Image for Question 3.
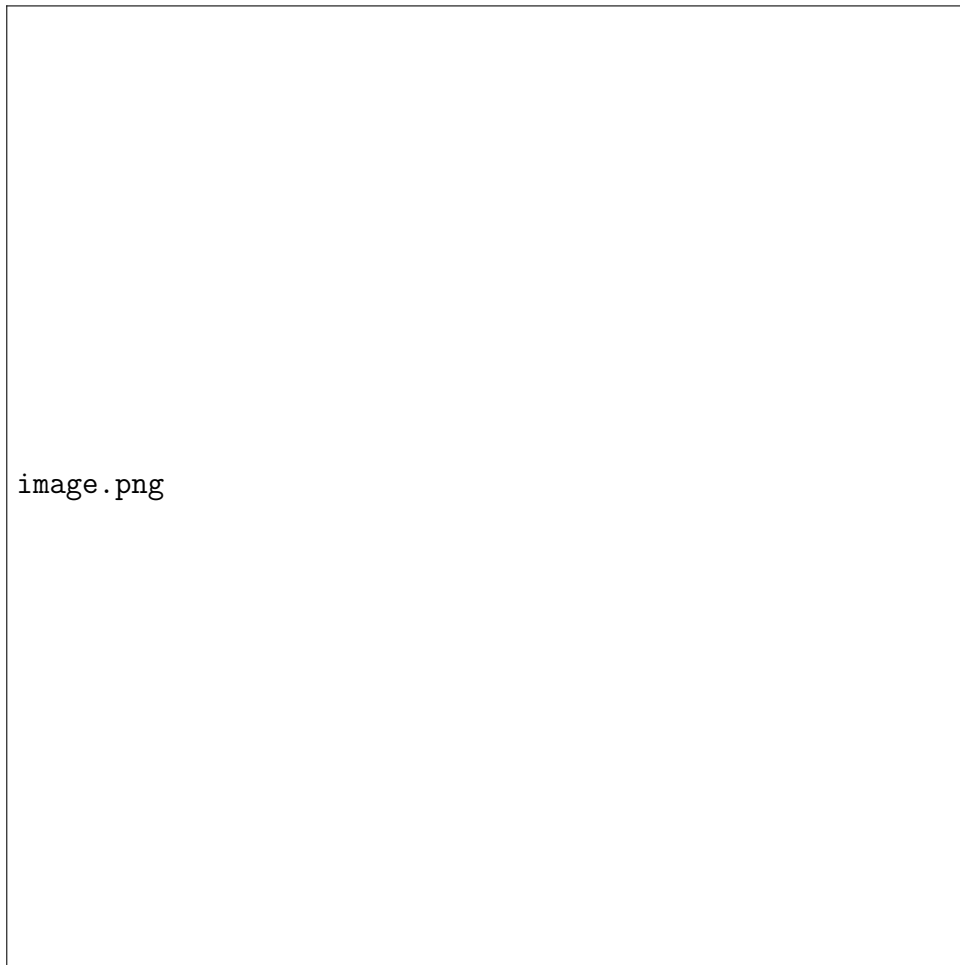
Console Output

`image.png`

Figure 3: Console Output for Question 3.

Logic used

This time, I first detected the location of the flag, then within the dimensions of the flag, checked for the mean position of the red and white pixels and then used that information to see whether it is an Indonesian flag or a Polish flag.