

Social Distancing Alert System

1. Introduction:

1.1 Overview :

Detects peoples who are over ruling social distance of 2m in red bounding box (alert), and following peoples with green bounding box, within an input (video or image).

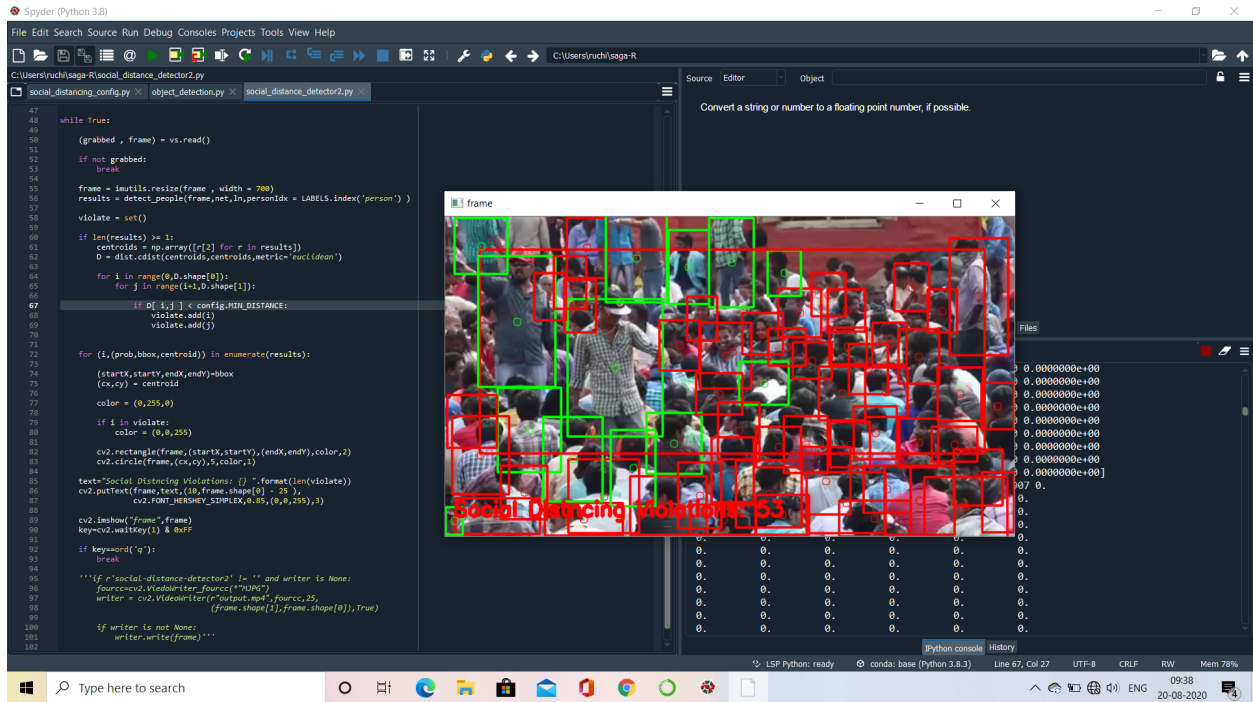
The same thing deployed through Flask python web frame work.

1.2 Purpose :

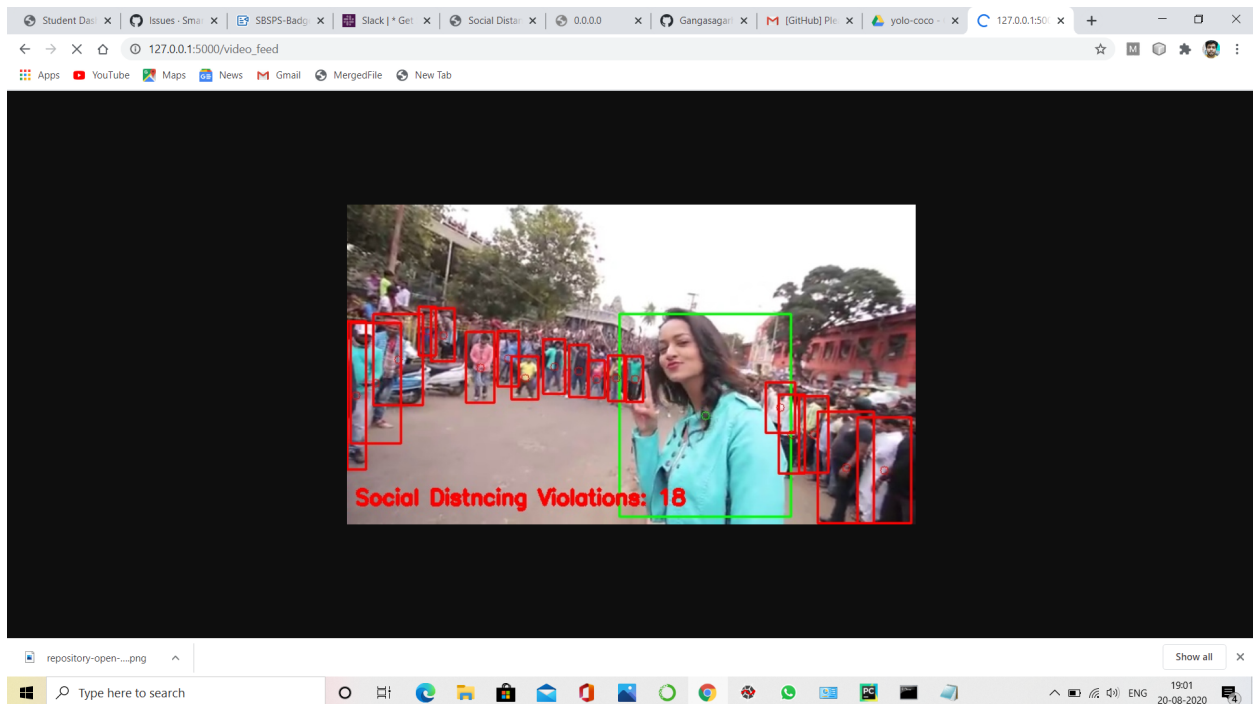
- i)To create awareness in people when they unfortunatley disfollows social distance in this pandemic.
- ii)To learn a new way to tackle this kind of contexts.
- iii)To track people who came in contact with affected COVID-19 patient.

2. RESULT :

Screen shot with normal output:



Screen shot with Flask:



3. Application :

Deploying this to real world, helps creating social distance awareness for people to protect from COVID-19 and from infectious disease which spreads through aerial and near by contact, as their preliminary step.

4. Conclusion :

It is practically helpful to increase consciousness by alerting, and track peoples if they came in contact to COVID-19 affected patient , if provided with real world footage.

5. Future Scopes :

It can be easily deployed in public transports and places ,to check whether each and everyone are maintaining threshold distance or not, and can be expected to expand its applicability to where social distance is necessary.

