

## Social Distancing Detector

### 2.Introduction:

The social distancing detector is an application which can detect whether people are six feet apart from each other and following social distancing. Given the COVID 19 pandemic, this detector may be a viable solution.

#### 2.1 Overview:

For the development of this project, there are three critical steps:

- .)Creating the back end application for social distancing configuration
- .)Creating the object detection python file which detects objects
- .)Creating the social distancing detector which detects whether people are six feet apart from each other
- .)Creating flask framework for web application of social distancing.

### 3. Result

#### 3.1



[Social Distance Voilation Detector](#)

#### Voiation Stream

COVID-19 spread is emotionally challenging many people all over the globe. Every individual is trying to adapt this challenge which is changing the day-to-day life in unpredictable manner.



### 4. Applications

Some potential applications of the social distancing detector include CCTV cameras, hospitals and malls.

### 5.Conclusion

Hence, in conclusion, a social distancing system provides a vital role in solving

COVID 19.

#### 6.Future Scope

In the future, social distancing detectors may be used in humanoid robots and drones.