

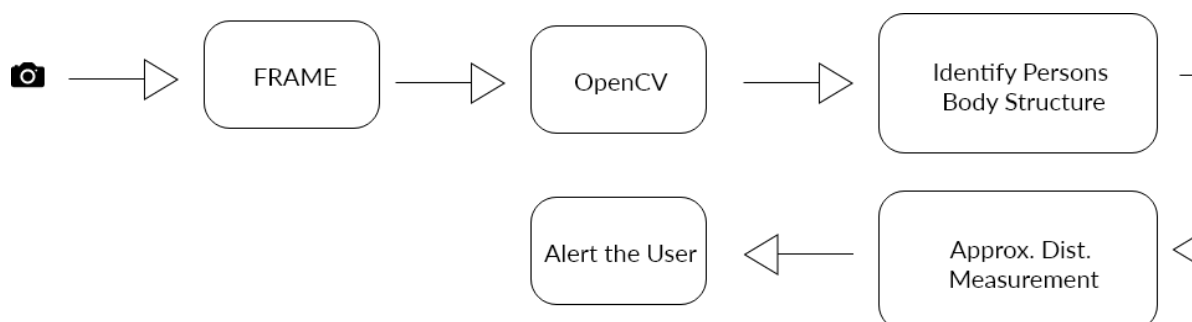
Team Name	CORONAI
Project Title	Social Distancing Automation with Computer Vision (SDACV)
Team members	Allen Benny Aritra Paul Aman Rawat Dhrupal Kalal
Domain	Artificial Intelligence using Flutter

Proposed Idea:

As per the recent times due to current pandemic **Social Distancing** has become a necessity, people are not aware about the norms and regulations they should be following currently. The idea is simply to monitor the user's surroundings throughout the day and find if the user has come under any potential threats by breaking the social distancing norms.

So we have decided to make an App which captures the user's surroundings every minute through his camera as the user will be wearing a special kit in which he will keep his device such that the phone faces the surroundings at all times and uses Computer Vision to detect if the user has broken the norms and if so the user gets an alert notification saying "Stay Away" so as to notify the user.

Technology Stack:



Firstly we'll capture a frame from the user's device and then mark all the humans present in the frame using OpenCV and then we'll use artificial intelligence so as to recognise the approx. distance and then alert the user for the same using Sound and text Alerts.

Project Importance: At this current hour an app like this can change the world as it will enforce social distancing among individuals and help us to get out of this pandemic.