

TEAM MEMBERS	MAIL ID
AMIRTHAP P	Amirthap.p.2021.ad@ritchennai.edu.in
AKASH S	Akash.s.2021.ad@ritchennai.edu.in
DEEPTHI S V	Deepthi.s.v.2021.ad@ritchennai.edu.in
AISHWARYA S	Aishwarya.s.2021.ad@ritchennai.edu.in

TITITLE OF THE PROJECT: COVID CONTROLLER

I and my teammates have has seen the problems faced by the government and the other private sector during this pandemic situation. To help them, we have decided to develop a software that includes essential solutions for the problem like ensuring masks in crowded places, checking the temperature, mandatory e certificates and social distance. Mask is an effective tool to avoid coronavirus. We have created a camera detector that helps in finding the people who didn't wear the mask and informs the nearby security guard by showing the red indicator on the concerned person who hasn't worn a mask, it immediately informs the security by showing the red indicator indicating who hasn't worn a mask. we have additionally added social distancing detection to this camera sector. instead of keeping a security guard to check for the temperature, we have planned to replace him/her with an AI. It works with the help of sensors. It is fixed at the counter of the airport, railway station etc...The AI measures the temperature instantly at the counter.

One of the biggest problems faced by the whole world is vaccination. Without vaccination certificates, we can't travel from one place to another. Our software has a special solution for this problem, the passengers should send their e - vaccination certificates to airports etc.... Let's take a look at it with an example, Assume that 'x' is a man whose age is 30 but he is not vaccinated with a second dose and first dose. If he wants to travel from India to America, he will not be able to travel by flight, since his tickets will be cancelled automatically by the AI and a message will be sent to

his mobile indicating him to vaccinate in a nearby hospital or vaccination camp. Then oonly after ssuccessful vaccination of three or two doses, he will be able to travel anywhere in the world and enjoy the journey.

Uses :

- The time delay will not take place while travelling
- Passengers will be free to feel that there is no sick passengers or virus-infected passengers while they are travelling so that they can enjoy the journey without any fear.
- As the temperature is monitored by the AI, there won't be any possibility for the spreading of the coronavirus.
- By using the AI there won't be any chances of dereliction of duty.

These are some solutions to the pandemic situation. I hope it helps a lot. This documentation is truly created by myself and my teammates Akash, Aishwarya and Deepthi.