



COVID CHECKPOINTS

AN INNOVATIVE PRECAUTION

Problem We Have Found

Currently our country is fighting with deadly COVID-19 (CORONA VIRUS). And as we know so far this virus spreads from human to human. So, our government lockdown the whole country and every states boundries are sealed. And there are checkpoint at the entry of every city to check for COVID-19 suspects. For this of the police man needs to interact with suspects which leads to take that police man in danger. And if accidently that police man got infected with that virus then they may spread it. Due to some of these reasons we cannot break the chain of spreading of COVID-19. So we need a solution of checkpoint which includes less human interaction with suspects.

Our Idea

Basically our idea is to reduce the human interaction with suspects and for this we need an automatic system which can check the suspects for COVID-19, if that suspects is infected with that virus then the system will perform all the necessary steps which a normal police man will take. Our idea is to make checkpoints like toll plazas. This will reduce the human interaction with COVID-19 suspects and helps to break the spread chain of COVID-19.

Brief Explanation

Suppose on a entry of a city there is an automatic checkpoint in which vehicle will enter and follow the below steps:

- Pull down the windows glasses. Then four arm with thermal scanners will take the temperature of all the passengers.
- If temperature of anyone of them is high then our system activates. First it will blow an alarm so that police man sitting in nearer room will announce to come out from the vehicle and get into the ambulance except driver.
- After this our system will sanitize the whole vehicle from inside and outside. And they need to go to the hospital following the ambulance.

What it Costs?

As our country is facing a deadly pandemic. So we will develop this system in the lowest price somewhere around Rs. 1 Lakh or below it. It is the time to use one of the greatest power of our Indians and that is “JUGAAD”. But that doesn't mean that it will not work properly but it means that we will take it to the lowest price as much as possible. In our country mostly every city has toll checkpoints, so we will use those pre developed toll checkpoints which will help to reduce so much cost.

Benefits

As I have explained earlier, that as we know this pandemic will only stop when we will reduce the human interaction with this virus. But it is truth that we cannot take the human interaction to zero. But we can reduce it! So we need some systems which will reduce the human interaction at some places like this system helps to reduce the human interaction at checkpoints. Currently police is interacting with the suspects of COVID-19 at the checkpoints. But using this system they can check the vehicle by sitting in a room nearest to the checkpoint.

*It will be an honour if we can help
our country during this
pandemic...THANK YOU!!!!*

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