

# CONTAINMENT ZONE ALERTING APPLICATION

## Problem Statement

With COVID-19 alarming surge of affected cases throughout the world, lockdown and awareness (social distancing, use of masks, etc) among people are found to be the only means of restricting community transmission. In a densely populated country like India, it is very difficult to prevent community transmission even during lockdown without social awareness and precautionary measures taken by the people. Recently, several containment zones had been identified throughout the country and divided into red, orange, and green zones, respectively. It will be helpful to safeguard the people if we have some application that will tell us about the condition of the locality regarding COVID.

Question	Description
Whom does the problem affect?	All the human beings
What are the boundaries of the problem?	Geographic, count of patients, GPS
What is the issue?	COVID has spread worldwide and has disrupted global trade, employment, and travel. This COVID has affected a lot of people emotionally, mentally, and economically. Even after a lot of vaccines campaign and safety measures, people are getting infected by COVID as they unknowingly enter COVID hotspots which makes them prone to the disease
When does this issue occur?	The issue occurred during the corona pandemic
Where is the issue occurring?	The issue occurs when people try to move freely outside the house without taking necessary safety measures and without proper vaccines

<p>Why is it important that we fix this problem?</p>	<p>It is important to fix this problem because nothing is more important than human welfare. If this problem keeps on increasing then a large number of people will suffer from the disease and thus it will affect society in all aspects. Delay in solving this problem will worsen the situation of the world very much and it will take a lot of time to recover from its effects</p>
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