

## **PROBLEM STATEMENT**

As we know covid is spreading all over the world. We need to put restrictions in place somewhere where people can be safer because the proliferation of covid has been spreading around the world. Recently, red, orange, and green zones were established for a number of containment zones spread out around the nation. The red zones represent infection hotspots, the orange zones represent some infection, and the green zones represent an infection-free environment. The development of an Android app to alert users to the Covid-19 containment zones and deter trespassing there is the primary topic of this article. This Android app updates the coordinates of the regions that are designated as confinement zones on a Google map. Many Google products and APIs, including Firebase and the Geofencing API, are used in this application to achieve all these functionalities. As a result, this application can be utilised as a tool to raise societal awareness of the growing need for India's citizens to take preventative action.