Containment zone alerting application.
        Development of an andriod application for viewing COVID-19 containment zones and Monitoring violators who are trespassing into it using firebase and geofencing.

User receives notification on entering a containment zone.

Closest 100 containment zones to the user are set with geofences

Containment shown on a google map and COVID19 statistics on a bottom sheet.

Data snapshot from firebase for new data OR data snapshot from cache.

Welcome screen and messege screen displaying.

Statistics data from RESTful API.

This andriod application updates the location of the areas in a google map which are identified.