Setup Mobile Application Environment
Geofence in Android App

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Project	Containment Zone Alerting Application

Code

```java
    private void addGeofence(LatLng latLng, float radius) {

        Geofence geofence = geofenceHelper.getGeofence(GEOFENCE_ID, latLng,
radius, Geofence.GEOFENCE_TRANSITION_ENTER |
Geofence.GEOFENCE_TRANSITION_DWELL |
Geofence.GEOFENCE_TRANSITION_EXIT);
        GeofencingRequest geofencingRequest =
geofenceHelper.getGeofencingRequest(geofence);
        PendingIntent pendingIntent = geofenceHelper.getPendingIntent();

        geofencingClient.addGeofences(geofencingRequest, pendingIntent)
            .addOnSuccessListener(new OnSuccessListener<Void>() {
              @Override
              public void onSuccess(Void aVoid) {
                Log.d(TAG, "onSuccess: Geofence Added...");
              }
            })
            .addOnFailureListener(new OnFailureListener() {
              @Override
              public void onFailure(@NonNull Exception e) {
                String errorMessage = geofenceHelper.getErrorString(e);
                Log.d(TAG, "onFailure: " + errorMessage);
              }
            });
    }
```

Screenshot - Multiple geofences created