

# GCC Corona Monitoring

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This Application is being used by Greater Chennai Corporation(GCC) for Fever Surveillance and covid spread mapping during COVID19. This application is being replicated in other districts of Tamil Nadu as well. The technical support for this application was given by Mr.Cooper Inc. It is a dynamic form based application with Media features. It was built to fulfill the basic needs of governance during Covid19 outbreak.

## Technology Used:

1. Android
2. Full Stack
3. Amazon server

## Features:

1. Dynamic form creation
2. Persona based login and form
3. Photo capturing and location capturing feature.
4. Mainly used for ground survey by field staffs and Citizens to report fever symptoms
5. Report downloading feature
6. Geo spatial dash board feature to analyze the spread.

## Usage: 1

It was launched within one week of First Lockdown announcement by GOI. GCC asked the citizens to report through this application. Below is the Flow,

1. It was made available in Playstore.
2. After downloading, Citizens can take a photo of their door and upload in this application if they have fever symptoms.

3. The Tele-medicine teams doctors will call the citizens to give advice.
4. If the symptoms are related to Covid19 then the medical team was sent to the respective person's home.
5. Further every response in this application was geo-tagged to find the clusters of fever symptoms and more resources were directed to control the spread.
6. The total downloads is around **1.5 Lakh in Playstore**.
7. Further the containment zones were shown through this Application.

## Usage: 2

The same application was also used to take door to door fever survey by corporation staffs.

## Press Coverage:

1. <https://www.newindianexpress.com/cities/chennai/2020/mar/30/covid-19-in-a-first-chennai-to-map-people-with-fever-symptoms-using-mobile-app-2123466.html>
2. <https://www.thequint.com/tech-and-auto/tech-news/chennai-coronavirus-tracker-mobile-app-feature-click-selfie-more>

## Screen Shot of Mobile App:

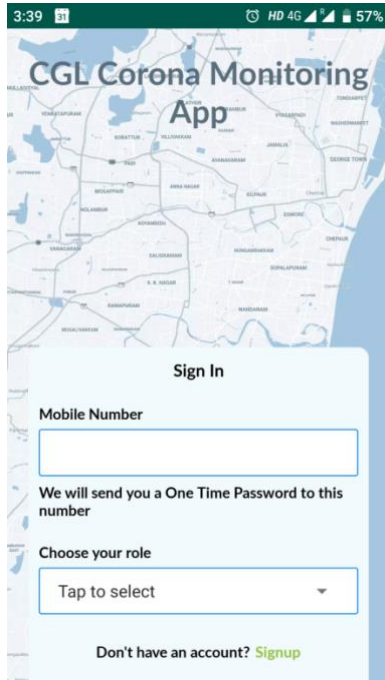


3:39

HD 4G

57%

# CGL Corona Monitoring App

A map of Corona, California, showing streets, landmarks, and the coastline. The map is used as a background for the app's login screen.

## Sign In

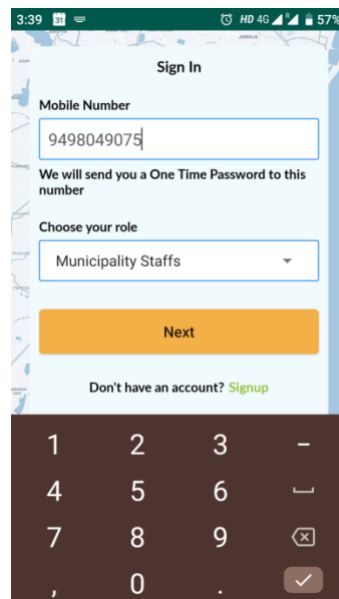
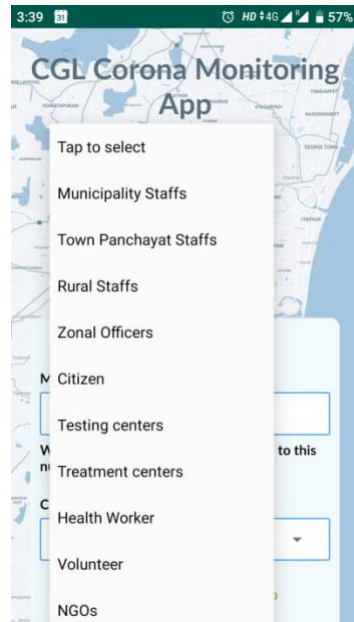
Mobile Number

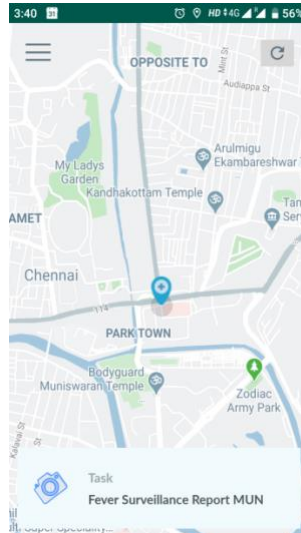
We will send you a One Time Password to this number

Choose your role

Tap to select

Don't have an account? [Signup](#)





3:40

HD 4G

56%

### Basic Details

Name

Age

Sex

Male

Phone Number

Municipality

Chengalpattu

Cancel

Next

3:40 HD 4G 56%

### Basic Details

Works or Visits Chennai

NO

Fever

NO

Cough or Cold

NO

Breathlessness

NO

Body Temperature

Cancel Next

**Screen Shot of Dashboard :**

Browser tabs: HQIMS Data for 20.07.2020 - az... GCC - COVID Tracker

Address bar: covid.gccservice.in/dashboard

Navigation bar: Apps, Public Policy, NIUA, Zero Waste, Shirts, GCC, PF, Competition, MicroMasters, CIH, Agent X

Page Header: GCC - COVID Tracker HOME REPORTS MAP VIEW HQIMS CREATE CAMPAIGN

**3**  
LIVE CAMPAIGNS

**191837**  
TOTAL ENTRIES

**CAMPAIGNS**

Fever Clinic Report	6525	
GCC Surveillance Forms	183884	
Fever Symptom - Self Reporting	1428	

**ENTRIES**

Report ID 34 - 18.0...xls #\_of\_Volunteers\_b...csv Show all X

Taskbar: Windows, Edge, File Explorer, PowerPoint, Chrome, Word, VLC, 4:13 PM 7/23/2020

Browser tabs: HQIMS Data for 20.07.2020 - az... GCC - COVID Tracker

Address bar: covid.gccservice.in/dashboard

Navigation bar: Apps, Public Policy, NIUA, Zero Waste, Shirts, GCC, PF, Competition, MicroMasters, CIH, Agent X

Page Header: GCC - COVID Tracker HOME REPORTS MAP VIEW HQIMS CREATE CAMPAIGN

Select a Zone  
GCC

Select a Campaign  
Fever Clinic Report

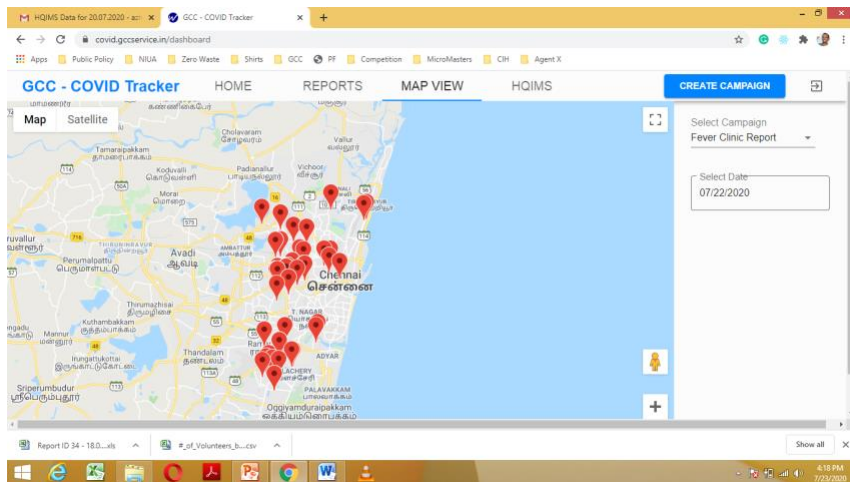
Pick a date  
2020-07-23

GET REPORT

Download Report

Report ID 34 - 18.0...xls #\_of\_Volunteers\_b...csv Show all X

Taskbar: Windows, Edge, File Explorer, PowerPoint, Chrome, Word, VLC, 4:14 PM 7/23/2020



## Creating Form:

