

# COVID-19 Containment App

Conceptualized and Created by:

Shubhra Saxena, IAS

District Magistrate – Raebareli

Uttar Pradesh

# Background

Since its outbreak, COVID-19 Epidemic has caused a mass level panic due to its high potential of infectiousness and unavailability of a cure. Therefore, it becomes imperative that whenever any COVID-19 positive case is detected in a location, stringent containment exercise need to be done in the designated area of the epicenter to prevent spread of the contagion further in the community. In the present scenario all this tracking of suspected COVID-19 cases is done manually resulting in catastrophic delays

What this App will achieve:

- Identify immediate contacts of the COVID-19 positive person:
  - Isolate them
  - Test them
  - Quarantine them
  - Track & Update progress of patients and suspected cases real-time
- Immediate identification and containment in the designated area of the epicenter, thereby facilitating:
  - Sealing of the area
  - Door to door survey
  - Tracking any suspect cases of COVID-19

# COVID-19 Containment



The image shows the user login interface of the COVID-19 Containment App for District Raebareli, Uttar Pradesh. The header is blue with the district's logo on the left and the app title 'COVID-19 CONTAINMENT APP' and 'District Raebareli, Uttar Pradesh' on the right. The main background features an illustration of a person in a blue shirt and face mask holding a sword and a shield with a white cross, surrounded by green virus particles. On the right, there is a 'User Login' form with fields for 'Enter Email/Mobile No', 'Enter Password', and 'Enter Captcha'. The captcha field shows the number '40151' and a 'Reload' button. There are 'Cancel' and 'Sign In' buttons at the bottom of the form. A footer at the bottom of the app interface reads 'Copyright © 2020-21 COVID-19 CONTAINMENT, Raebareli, Uttar Pradesh'.

**COVID-19 CONTAINMENT APP**  
District Raebareli, Uttar Pradesh

**User Login**

Enter Email/Mobile No

Enter Password

Enter Captcha  
 40151  Reload

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For Details, Contact:

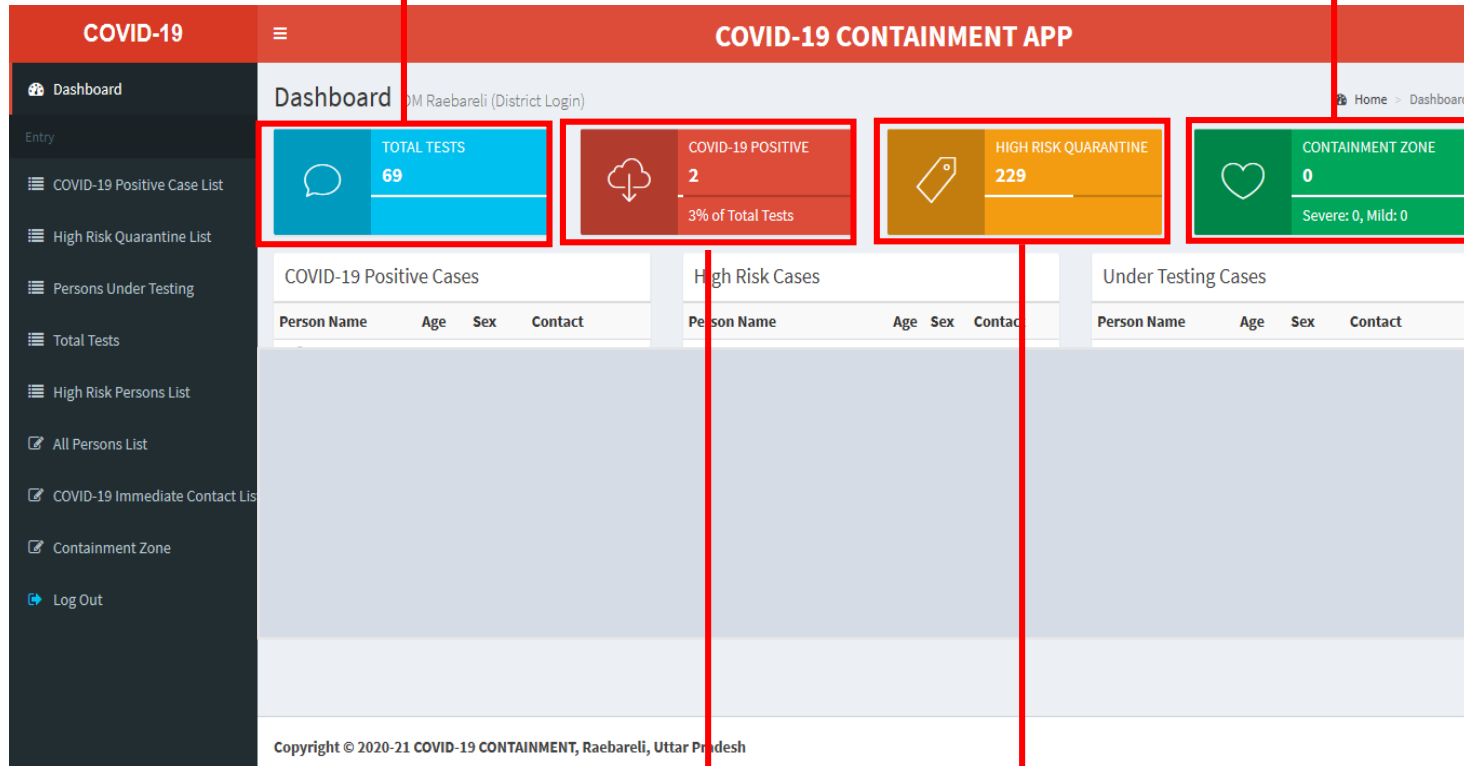
**DM Raebareli**

**Phone : 0535-2703301, 0535-2703401**

**Email : dmrae@nic.in**

# Dashboard

Total Number of Tests Done

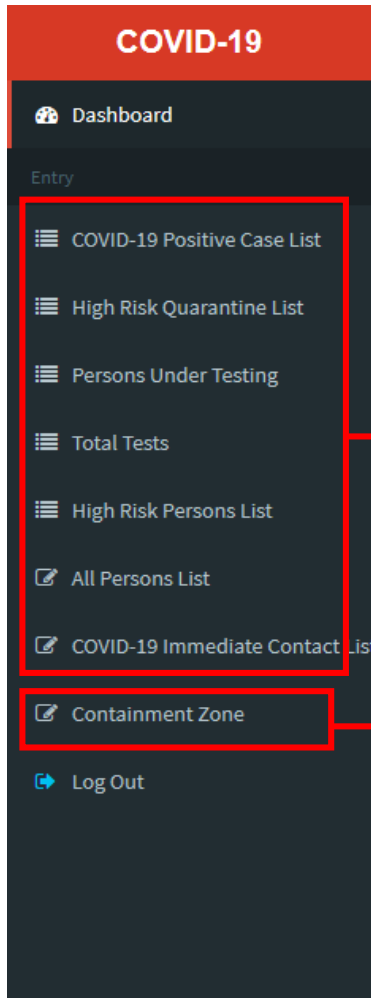


1. Location and status of COVID-19 positive cases
2. High Risk geographical area (1Km and 3 Km radius)

Number of cases tested and are COVID-19 **positive**

High Risk Cases:  
People in COVID-19 positive cases vicinity

# Dashboard Menu



Details of:

1. COVID-19 positive cases
2. High Risk List
3. People under testing
4. Total Tests
5. High Risk Person List
6. All person List
7. COVID-19 Positive Immediate Contact List

Details Include:

1. Name
2. Father's name
3. Age
4. Sex
5. Mobile Number
6. Person Category : Explained later
7. Current Status
8. Location

Name & Location details of COVID-19 positive cases.

# COVID-19 Positive / High Risk / Person Under Testing & CP Immediate Contact List

COVID-19

COVID-19 CONTAINMENT APP

Dashboard

Entry

COVID-19 Positive Case List

High Risk Quarantine List

Persons Under Testing

Total Tests

High Risk Persons List

All Persons List

COVID-19 Immediate Contact List

Containment Zone

Log Out

COVID-19 Positive Case

COVID-19 Positive Case List

Block/NPP/NP

Village/Ward

Export

Export To Excel

Per Page

25

Search...

| # | Person Name | Father Name | Age | Sex | Mobile No | Person Category | Current Status | Current Location | Action  |
|---|-------------|-------------|-----|-----|-----------|-----------------|----------------|------------------|---------|
|   |             |             |     |     |           | CP              | CP             | L1               | Actions |
|   |             |             |     |     |           | CP              | CP             | L1               | Actions |

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### Category of the person:

- CP : COVID-19 Positive
- CPIC : COVID-19 Positive Immediate Contact
- CPCZ : COVID-19 Positive Containment Zone
- HRNT : High Risk Non Traced
- HRTR : High Risk Traced
- HROD : High Risk Other District

COVID-19

COVID-19 CONTAINMENT APP

Dashboard

Entry

COVID-19 Positive Case List

High Risk Quarantine List

Persons Under Testing

Total Tests

High Risk Persons List

All Persons List

COVID-19 Immediate Contact List

Containment Zone

Log Out

COVID-19 Positive Case

COVID-19 Positive Case List

Block/NPP/NP

Village/Ward

Export

Export To Excel

Per Page

25

Search...

| # | Person Name | Father Name | Age | Sex | Mobile No | Person Category | Current Status | Current Location | Action  |
|---|-------------|-------------|-----|-----|-----------|-----------------|----------------|------------------|---------|
|   |             |             |     |     |           | CP              | CP             | L1               | Actions |
|   |             |             |     |     |           | CP              | CP             | L1               | Actions |

Edit

Update Status

View/Update Immediate Contacts

View/Update Containment Zone

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### Current Status of the person:

AH : At Home  
HR : High Risk  
HRQ : High Risk Quarantine  
UT : Under Testing  
CP : COVID-19 Positive  
CN : COVID-19 Negative  
FQ : Facility Quarantine  
Surveillance Closed

### Location of the person:

NT : Non Traced  
HQ : Home Quarantine  
FQ : Facility Quarantine  
HRQ : High Risk Quarantine  
ISOL : Isolation  
L1 : Level 1 Hospital  
L2 : Level 2 Hospital  
L3 : Level 3 Hospital  
F : Fatal / Deceased

**Actions :** To add / update person's record

# Containment Zone

COVID-19

Dashboard

COVID-19 Positive Case List

High Risk Quarantine List

Persons Under Testing

Total Tests

High Risk Persons List

All Persons List

COVID-19 Immediate Contact List

Containment Zone

Log Out

COVID-19 CONTAINMENT APP

Containment Zone

Containment Zone List

District: Rae BareillyBlock/NPP/NP: -- Select --Village/Ward: -- Select --

Per Page: 25Search...

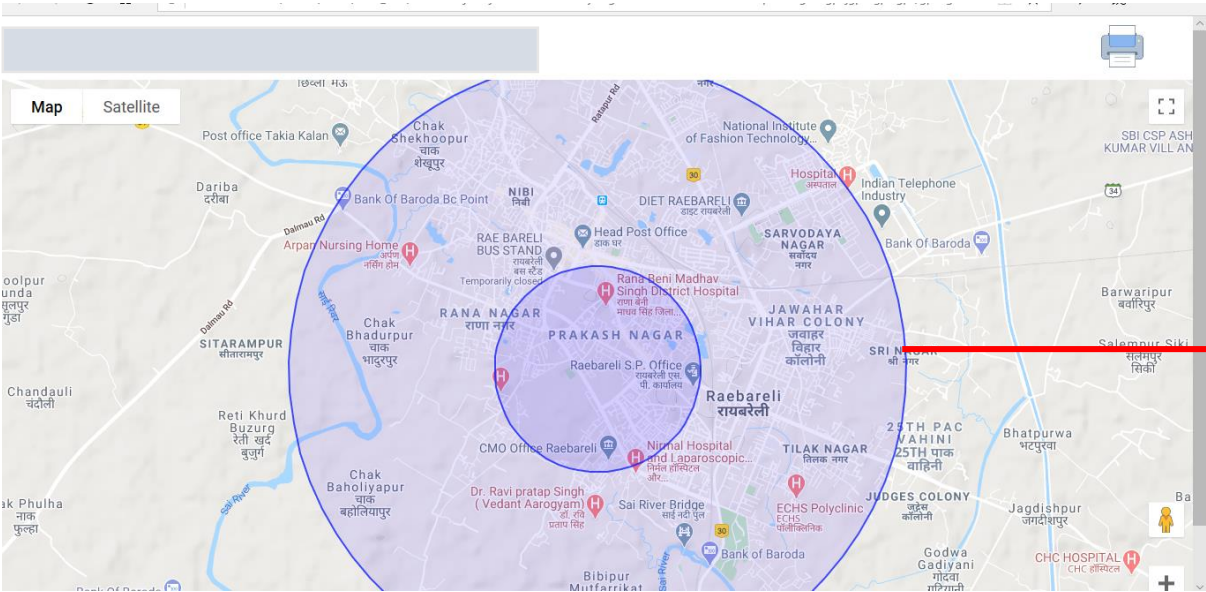
Search

| # | Containment Zone - By Person | Lat. Long. | Action                                          |
|---|------------------------------|------------|-------------------------------------------------|
|   |                              |            | <a href="#">View</a><br><a href="#">Actions</a> |

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Location of the COVID-19 Positive case:



High Risk Geographical Area based on COVID-19 positive case location:

- 1 KM – Inner Circle
- 3 KM – Outer Circle