DECON
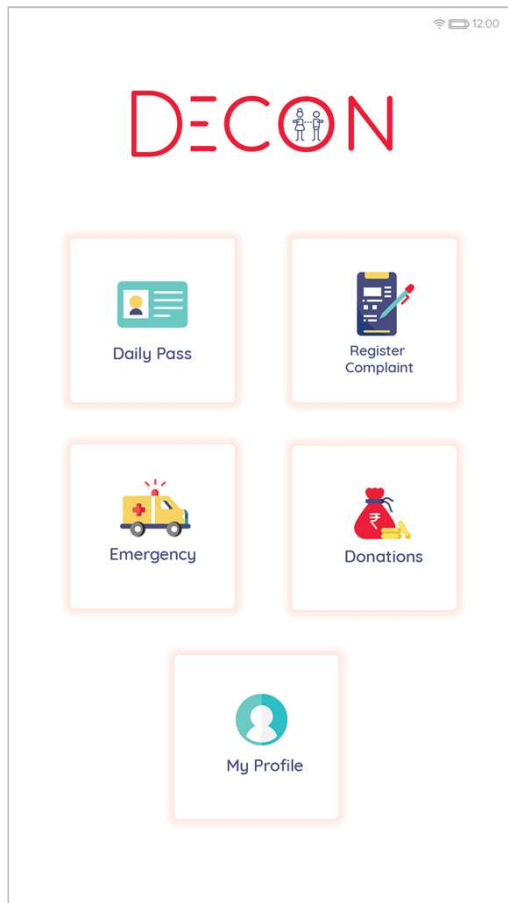
Managing social distancing effectively...

A joint initiative by Principle Circle & Kuriosity Labs

DECON – Purpose

- Daily Pass
  - Daily Pass for commute for essentials
  - Pass for business or office needs commute

- Register complaints
  - Register complaints for price hike, quality of goods etc

- Emergency
  - Requests for emergency services to be attended from home

- Donations
  - Can donate to CM care eliminating all fake accounts

PASS Configurations

- Pass configurations are made by government either by place or pincode

- Time duration a pass is valid for and no. of persons allowed to come out in that time period can be controlled

- Based on location and population, pass can be generated at various time periods giving opportunity for all to buy essentials yet maintaining social distancing & controlling mass gatherings

DECON – PASS ALLOCATION

Pass: Your pass time is from 04:00 PM to 06:00 PM

Pass: Your pass time is from 10:00 AM to 12:00 PM

**User 1**
Pincode: 500084

User 2
Pincode: 500084

1. For e.g. A city with 100 pin codes and 10 lakh population

2. Based on pin code, DECON provides 2 hours pass for first 1000 requested users. Other users are pushed to next available time slot.

3. 100 x 1000 = 1,00,000 for 2 hours distributed through out the city and 1000 people in a locality are spread between multiple shops thus avoiding multiple touch points

4. 100000 x 6 pass (1 pass for 2 hours and 6 passes for 12 hours) = 6 lakh people will have access to essentials in 12 hours

5. Assuming not everyone needs pass everyday, by reducing number of passes or various other techniques public commute can be controlled
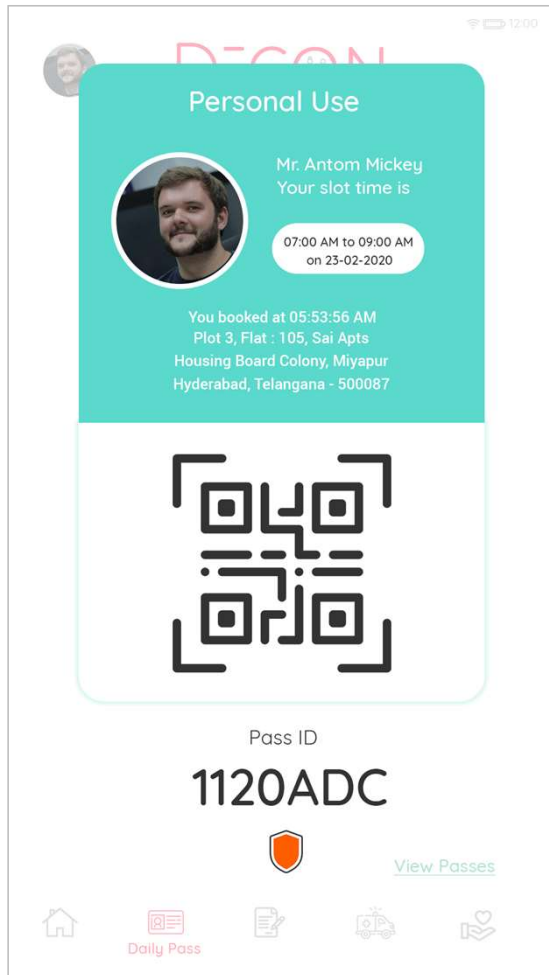
PUBLIC PASS
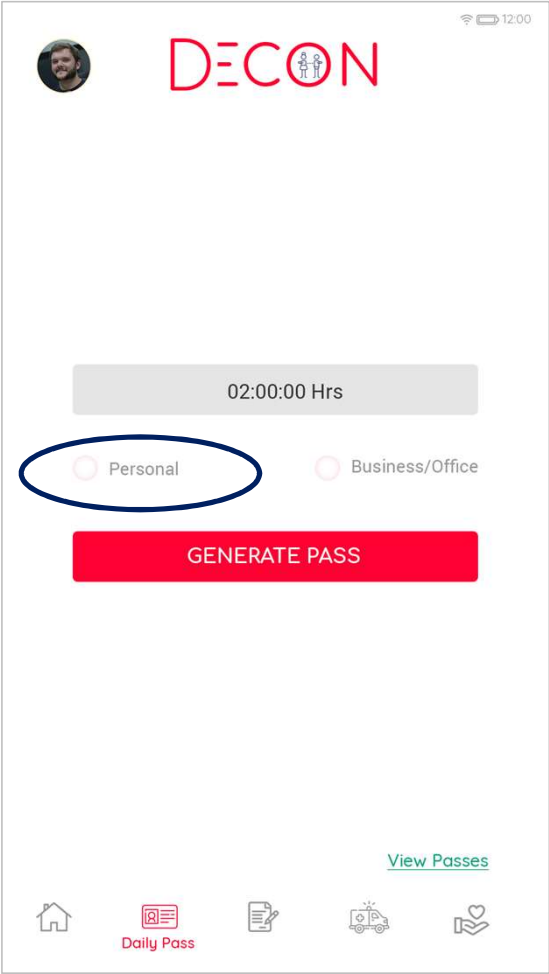
- Users can only generate one pass per day. This will give opportunity for every one

- This pass is generated based on the configurations made by government to limit number of people on roads
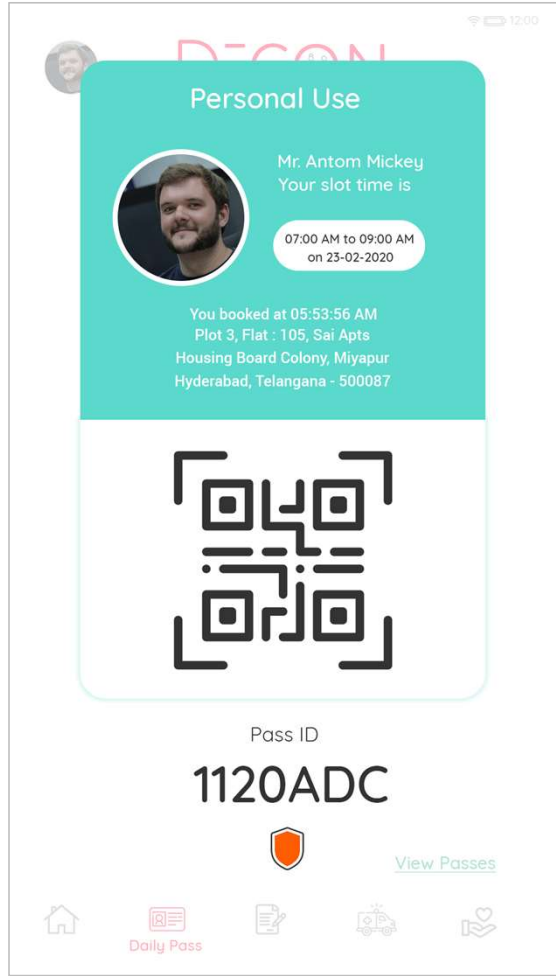
PASS AND ITS USES

- Police is authenticated to allow only pass holders.

- Pass generated will have the details
    - Time duration E.g: 9 AM to 11 AM
    - Pass holder photo
    - Pass holder address, he can calculate distance travelled from his home and can book a case immediately
    - Color Code to identify the virus spread risk this person is carrying
    - QR Code that can be used to scan person movements

- For the people with no smart phones, IVR system will be available to generate a pass. Message with pass details will be sent using SMS

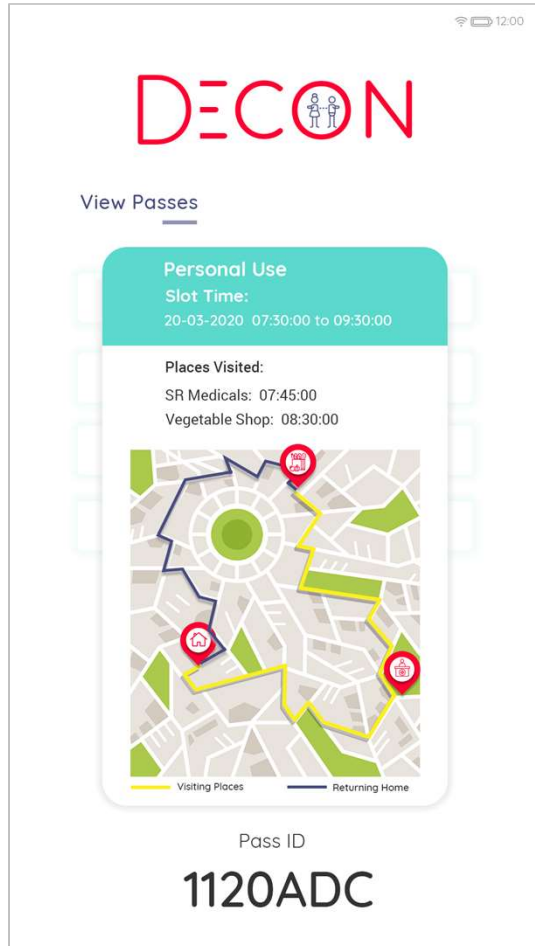Color code will assigned
Red – Infected with Covid 19
Orange – Home Quarantine
Yellow – Family members, friends touch based with effected person
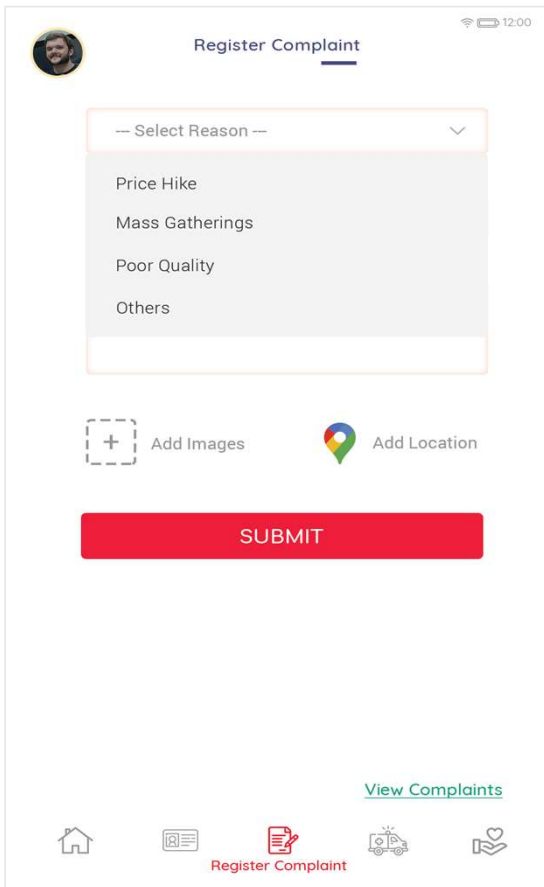Green – Virus free person

Police can immediately identify and send infected persons to quarantine based on their color code

GPS TRACKER

- Any pass holders movements will be tracked using GPS
- If a person found positive, GPS information can be used to identify touch points
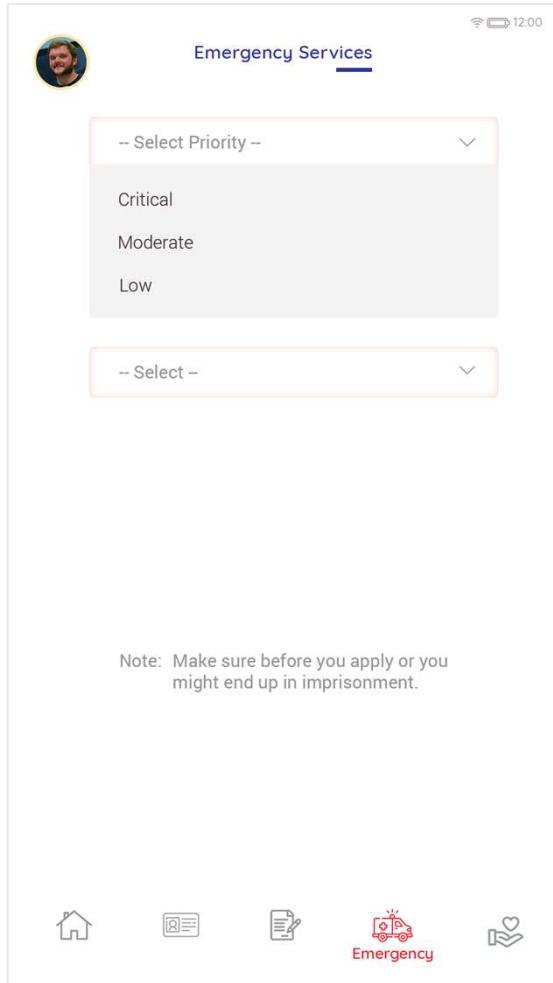- 100% visibility of all users on roads

REGISTER COMPLAINTS

- At present, availability of right information to register any complaints
- Using this feature, every citizen can be responsible and communicate various issues to govt like Mass gatherings, Price hike, possible Corona infected person etc.
- Images and location can be shared for concerned authorities to take action immediately without any delay

EMERGENCY SERVICES

- Large Q's can be avoided by not calling 100 or 108

- User can request for immediate assistance based on the category
    - Critical – Ambulance, Fire, police etc.
    - Moderate - Hospital appointment, medicines

- A valid proof can be uploaded for immediate attention thus avoiding people requesting for incorrect reasons
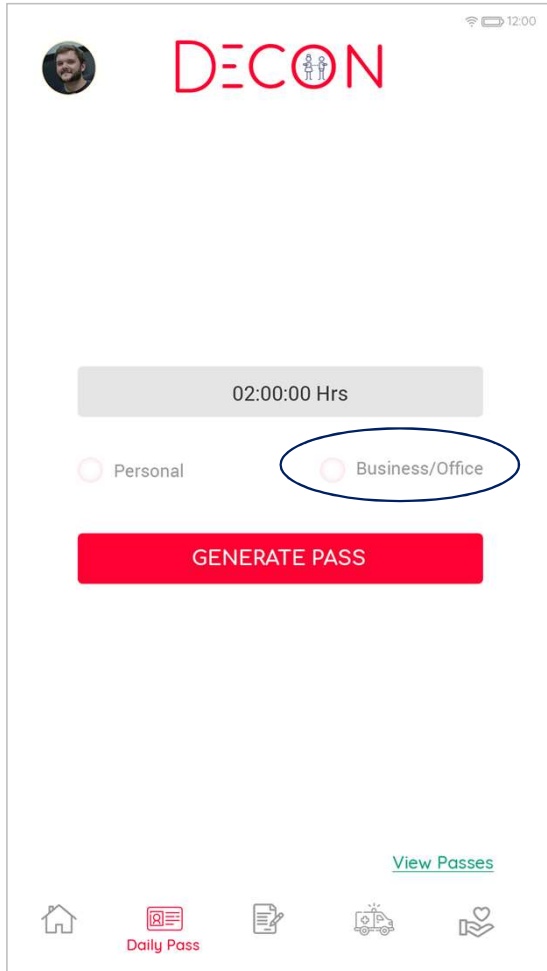
GUIDELINES FOR EMPLOYERS

- Employers can use this app to identify and register their employees for an employee pass

- Initially as per govt instructions, only 20% of the employees are eligible for pass

EMPLOYEE PASS

- Users tagged with any employer will get the option to generate employee pass for a longer periods defined by the employer

- Others only be able to generate personal pass for time limit govt decides on

- Govt can restrict the % of passes for companies.. Initially 20%, then 30, 40 and so on as the situation improves

- Employee pass will be verified in Entry & Exit gates to make sure right employees avail passes

SUPER MARKETS, BANKS OR ANY INDOOR SERVICES
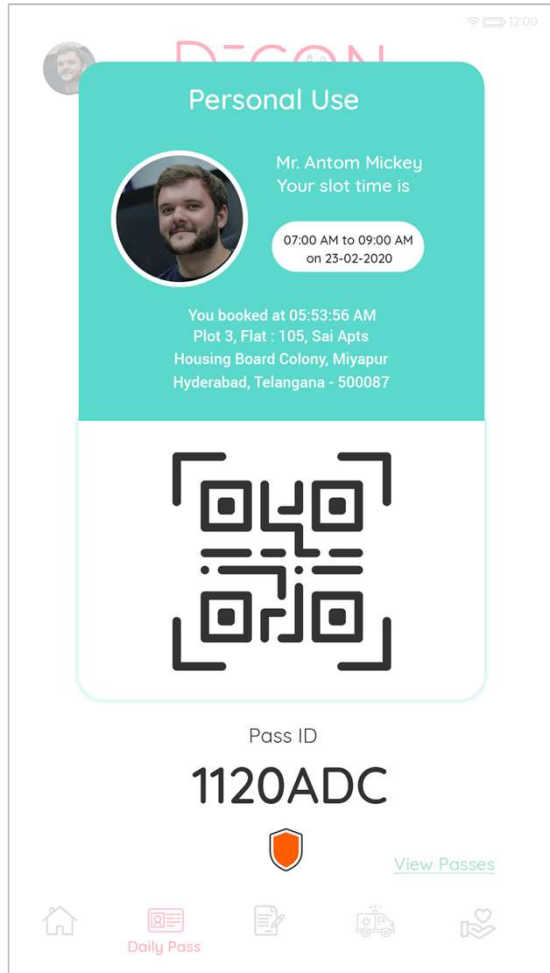
- Super markets, banks or any other indoor services can scan the customer passes at the entrance.

- These needs to be configured to allow only 5 or 10 persons based on govt rules

- Only when the inside person is scanned out in exit, system will allow waiting person to enter and avail services

- Remaining can wait outside in 'Q' maintaining minimum distance

- This will help in reducing the people at a time, at a place and also only people with valid pass can shop

GUIDELINES FOR TRAVEL
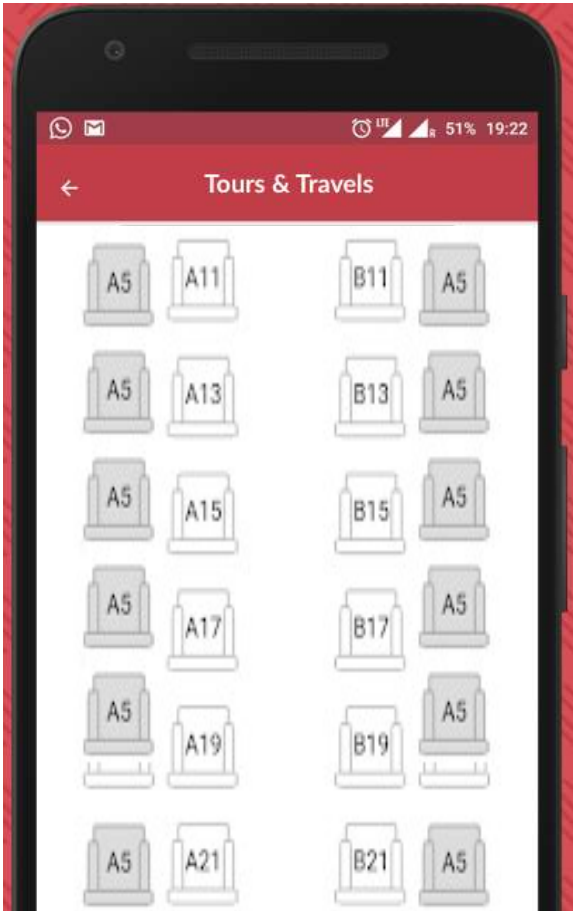
- Initially govt will permit only for few authorized buses for transport

- While booking online, some of the seats will be blocked to eliminate mass booking once lockdown is partially released

- If any travel operators operates extra busses, these can be identified by integrating Fast Tag

- Other users travel also be tracked by integrating fast tag & toll scan information with pass

DECON – How it helps Government

- Control people gatherings & 100% visibility on public movements

- Authorize police to control public movements with no valid pass

- Upto date info on elderly citizens & young generation who could be at risk of infection

- Under extreme situations, essentials supply chain from various vendors to homes can be accurately planned & executed

- GPS helps Identify touch points of infected people and identify others who were present in same place at same time. Alert them, sanitize & keep track of health

- GPS info can also helps to identify various activities & places visited by infected people. Places & persons touch based can be easily identified, and be put under observation

- Instead of 3 or 4 hours window to buy essentials, shops can now be open 12 hours providing equal opportunity for public

- Better usage of resources & equal distribution to all

- 24x7 support to address public concerns & resolve them with rapid action force on time, wins public confidence on Government

- Empowering every citizen to do their bit to social distancing & decrease spread of Virus

DECON – Dashboard
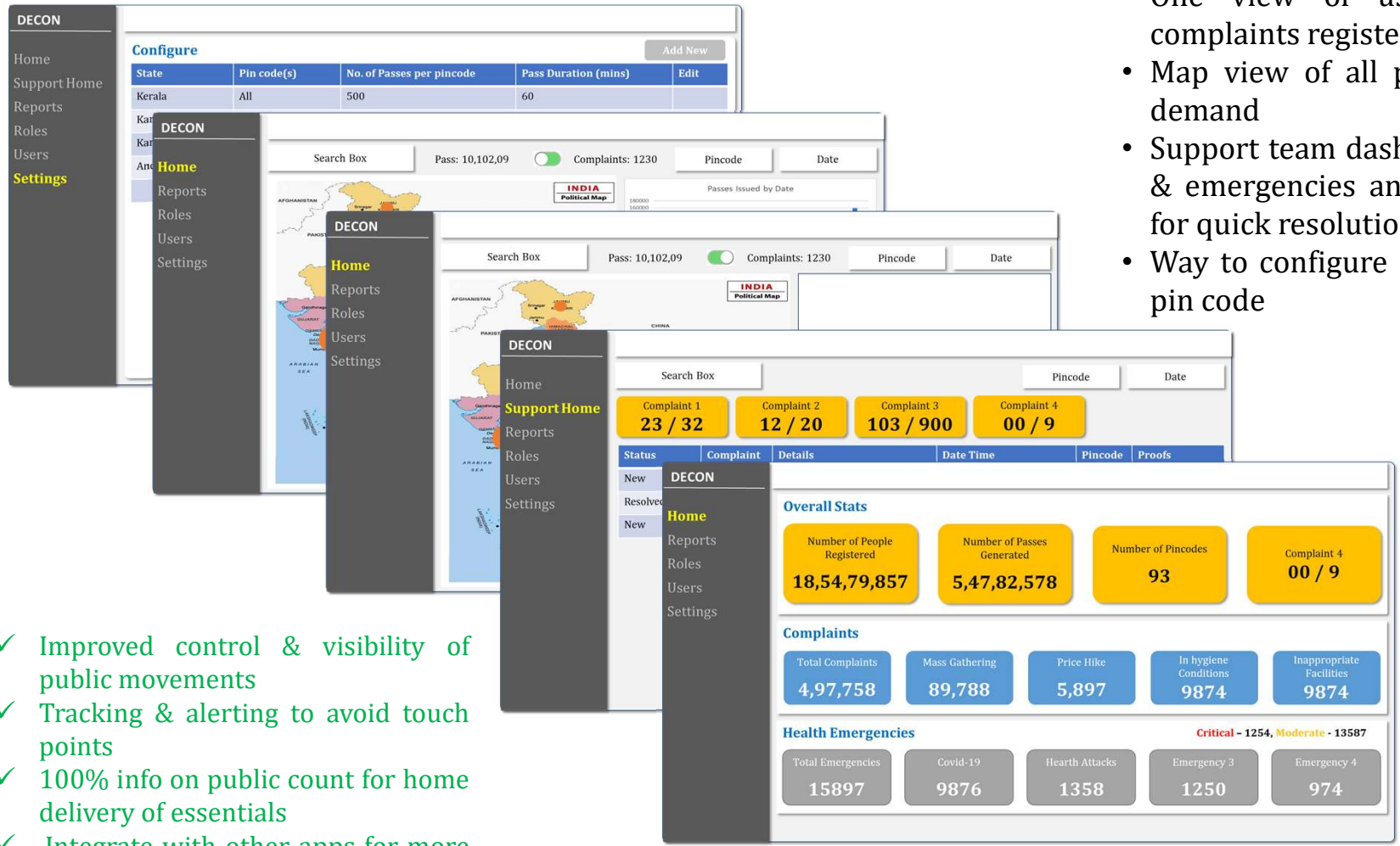
- One view of user registered, passes issued, complaints registered, emergency requests etc
- Map view of all passes & complaints to identify demand
- Support team dashboard to monitor all complaints & emergencies and coordinate with ground team for quick resolution
- Way to configure number of passes & timeslot by pin code

✓ Improved control & visibility of public movements
✓ Tracking & alerting to avoid touch points
✓ 100% info on public count for home delivery of essentials
✓ Integrate with other apps for more meaningful insights

TEAM

Idea & Concept

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· NAMASTE ·

Even small things can make a big difference...