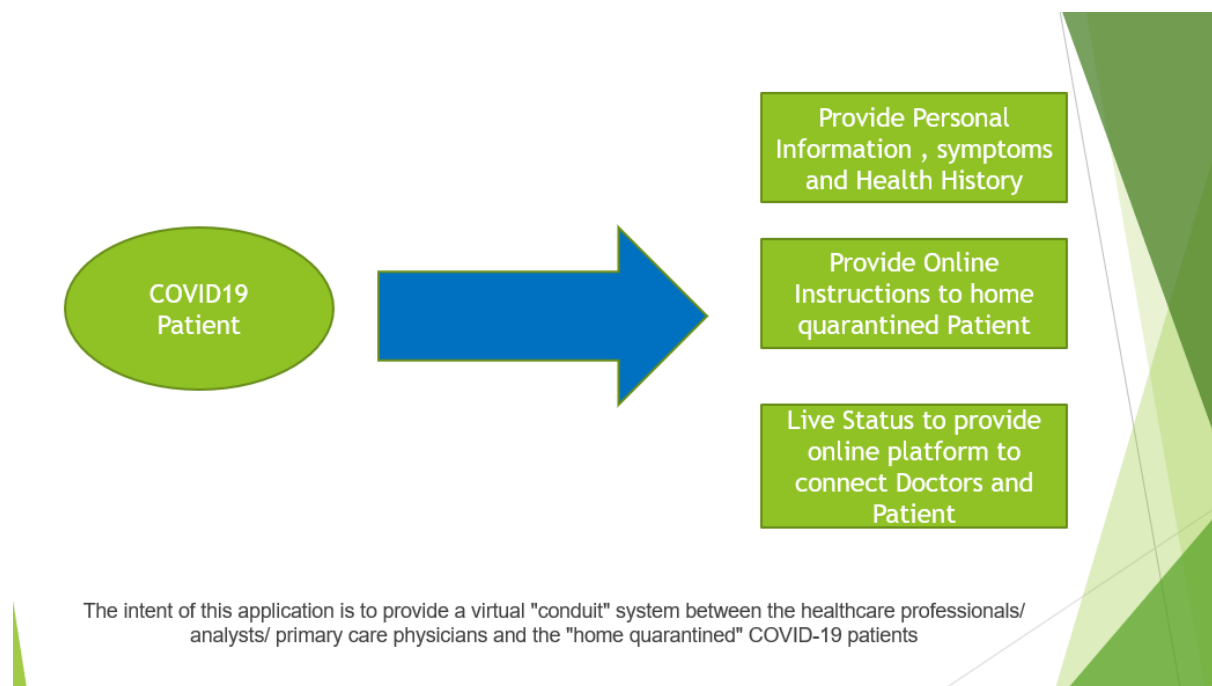


Problem Statement:

Exponential growth rate of pandemic has created huge gap between number of hospitals/doctors and patients, thus availability of doctors has become a major challenge. Our solution will help both COVID warriors and Health-Care system meet the Challenge of COVID19 pandemic through an interactive online application.

Description :

The intent of this application is to provide a virtual "conduit" system between the healthcare professionals/ analysts/ primary care physicians and the "home quarantined" COVID-19 patients. This Telemedicine application makes use of electronic communications and software to provide clinical services to COVID19 patients without having to make in-person visits. The system caters for remotely collating patient information/ data, including - subjective observations, symptoms, health assessments, diagnosis, medication management and patient demographics.



Requirement :

- Login page/registration page

When the user who logged in is Patient/normal User

- **Patient Information:**
 1. Personal Information
 2. Name
 3. Gender
 4. Age
 5. Address
 6. Contact number
 7. Family members count
 8. Email Address
 9. Nationality
 10. Blood group
 2. Health related information

- ◆ **COVID symptoms (case 1):** cold, fever, difficulty in breathing, dry cough, headache, fatigue, nausea
- ◆ **Critical COVID symptoms(case 2):** trouble breathing, Persistent pain or pressure in the chest, Inability to wake or stay awake, Bluish lips or face, continuous fever
- ◆ **Health history(case 3):** diabetes, hypertension, lung disease, heart disease, thyroid, kidney disease or none

3. Additional information

1. have you travelled internationally since last 30 to 45 days
2. have you been in crowded place
3. have you be in exposure with covid-19 positive person
4. are you healthcare worker and examined covid-19 positive with non-protective gear

- **Individual Assessment**

1. If 3(or less than 3) out of 7 are selected(for case 1): (need to show below data on right part of screen)
Please follow below instructions
 - Stay home stay healthy
 - Isolate yourself from other people and animals in your home
 - Wear a face covering
 - Cover your coughs and sneezes
 - Clean your hands often
 - Avoid sharing personal household items
2. If more than 3 are selected: person must be provided with some number to reach(of practitioner or any trained medical related person)
 - We are here to help, please contact below mentioned medical professional
 - Need to put 5 contact numbers here
3. For case 2: provide person with emergency number to book ambulance on priority
 - Don't panic, please call below mentioned emergency helpline numbers and get immediate help
 - Include 3 emergency contacts
4. If 3 out of 7 selected (for case 1) and also selected even one (from case 3): person must be provided with some number to reach(of practitioner)
 - Health history is implying you are more vulnerable and at high risk, so please take below precautions and contact mentioned personnel.
 - Stay home stay healthy
 - Isolate yourself from other people and animals in your home
 - Wear a face covering
 - Cover your coughs and sneezes
 - Clean your hands often
 - Avoid sharing personal household items
 - Need to include 5 contact numbers here
5. If (have you be in exposure with covid-19 positive person and no symptoms): simply display message to be isolated at home and keep updating Live Health tracker
Please follow below instructions
 - Stay home stay healthy
 - Isolate yourself from other people and animals in your home
 - Wear a face covering
 - Cover your coughs and sneezes
 - Clean your hands often
 - Avoid sharing personal household items
 - Also keep updating Live Health tracker
6. If(any other(from additional information) and with even one symptom): simply display message to be isolated at home and keep updating status(as mentioned below)
Please follow below instructions
 - Stay home stay healthy

- Isolate yourself from other people and animals in your home
 - Wear a face covering
 - Cover your coughs and sneezes
 - Clean your hands often
 - Avoid sharing personal household items
 - Also keep updating Live Health tracker
 -
- 7. If (additional info yes but no symptom): simply display happy message for **“stay home stay safe”**
 - You are doing great, keep improving your immune system
 - stay fit
 - stay home
 - stay safe.
- **Live Health tracker**
 1. How are you feeling today: will contain all symptoms defined above with checkboxes(critical or non-critical)
 2. Covid-19 test done: yes/no(radio button)
 3. If test done, then positive or negative or not available yet.(and put in report)
 4. Doctor’s comment(will add info about doctor’s availability): must be read only
 5. You have any queries: include text box(also add hint text: “you can put your queries here”)
- **FAQ:**
 1. It will include some pre-defined questions with answers

When the user who logged in is doctor:

- **Patients Tab:**
 1. In this doctor can see all the patient assigned to him.
 2. On clicking the patient id the doctor would be able to see all the patient’s details , his health information and also provide your comment after evaluation