**Problem Overview \***

**Questions of who, what, where, when and how should be addressed in this section.**

**Answer:**

In the vivid condition of covid19-pandemic disease, people are easily getting bluffed towards undesirable content available on the social media. In the haphazard spread of spurious web and android applications, some dedicated volunteers (Unofficial: www.covid19india.org) developed the counts of corona virus infected, recovered and deceased cases where they curated the data from state bulletins, press releases, patient relationship to other patient via travel history status et cetra. Thus, People are getting to know about the number of cases increased, decreased (recovered or deceased) dynamically with one click. Even though, it is unofficial but most reliable source to check counts. But still it is getting #254 Alexa rank which is quite displeased and also, they are not providing other relevant information except counts and graphical analysis.

In the population of 1.33 Billion people, 1.2 Billion mobile phone subscriptions (data till August, 2019) could help us in spreading anything we want, it could be either rumor or a verified information. Also, as people do not prefer website if they have native android application for a long use (Example: Ola, Uber, google news, Quora, Facebook et cetra).Thus, our project would become a solution over it.

**Proposed solution \***

**This should i) what is the primary goal of your solution? How does it work to solve the problem?**

**Answer:**

The objective of this project is to utilize the figure of 1.2 billion mobile user subscriptions in such a way that it could stand in the support of Indian Government’s challenges towards pandemic covid19 condition. We are trying to enable it by delivering an Android application as an output where there would be 4- sections:

1. **Updates**: As people are getting and forwarding rumors over WhatsApp, Facebook, Instagram and other social networking sites. Herein, they will get update with every minutes’ latest news/information/notification. We collect the data from state press releases, official government links and reputable news channels as source. Data is validated by a group of volunteers and published into a google sheet and an API.
2. **Survival tactics:** In this section, we will add the following:
3. Animated video on precautions (Scientifically verified).
4. Homespun masks making technique with filtration accuracy (Clinically tested).
5. With Descriptive/Graphically displaying experience of infected, recovered patients which would help to understand to uninfected-people the need of taking precautions and how serious is the condition!
6. **Notify Covid\_infected near me:** Herein, we use the data provided by [www.covid19.org](http://www.covid19.org) , to notify the people that there is a new case of corona infected case in their district. Thus, to not go outside and take precautions. Along this, we show the probability of getting infected (R Programming/Python to withdraw insights and conclusions).
7. **Volunteering/Collaborating:** In the covid19-pandemic condition, people wanted to contribute in something that counts. But they do not have some authentic platform to convey this thing yet. Thus herein, we are creating a dashboard where volunteer can register with their skills and Researchers, Professors and other eminent professional could also register to get helped from the volunteers. As money is a bigger asset, certificate of appreciation and work of the volunteer would be praised. Also, a prodigious utilization of quarantine days for students/volunteers.
8. **Chatbot/Prescreening:** We use the artificial intelligence to train a model for questioning from the user, regarding symptoms and facial recognition to predict the chances of corona infection.

**Man power Needed:** 2-volunteers for updating data.

**Expected Time to build:** 10-15days