**Proposal for hack for good covid-19**

* An app to collect the data of people.
* Data as in their temperature, and other physical states indicating corona virus infection, their travel history, their days of isolation.
* These data will be analysed through computationally to reveal possible patterns, associations, human trends and behaviour and interaction. - big data
* After which they will receive a signal in the app only based on these analysed data, i.e., green, yellow, Red.
* Green-good to go, yellow- suspicious or potential covid-19 carrier, red- infected person/quarantined.
* Based on these colour coding one is allowed to use public transport, travel or to resume work at office, or go out in these lockdown times.
* All in all we are only aware of how many patients are present in a state or country, but In my opinion we should consider checking or tracking people with symptoms in a small community basis like in educational institutions and organisations as we cannot remain in the lockdown for a longer time, we need to make it our habit to live taking necessary precautions alongside corona till vaccines are available.
* These data collection must be done in a community basis, where all the people will report to a supervising doctor to check their temperature, their medical as well as travel history, and for all the possible covid-19 symptoms.
* If a person shows red signal indicating potential infected person, then he will be quarantined or self-isolated. The app will automatically inform the concerned authorities to escort him to the hospital for isolation and testing and treating.
* And the area where the person was found will be heat marked in the map in the app itself and the neighbourhood people will be notified.
* The database of a single person will be assigned a QR code and then we can scan the qr cod for accessing the data of the person. This system will act like a system entry on any office or an institution for acknowledging his health conditions.
* To automate this work or make this work better we may even develop a digital thermometer which keeps a record of the body temperature by checking it constantly and then sending the data to the app for storing through an Iot device. -Hardware part.
* This app generates 24/7 notifications in a repeated manner in the form of emails or messages or notifications regarding various ways to fight corona and how social distancing is important, including the true news about corona straight from WHO(this might help in flushing out the fake messages that are spread through various social media platforms). This way it will affect the people’s consciousness making it a habit to obey and inculcate the necessary habits to fight corona. – Psychological marketing theory

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