

Quarantine Hackfest

Problem Statements

Note: Select any one of the below problem statements according to your liking and find a solution to it. That's all that needs to be done!

Theme: Medicine and Technology

Problem Statement: Most of the children fear to go to the doctor and get a checkup. Even if they have pain they consider it to be normal and don't seek consultation with the doctors. Devise a method by which the gap between the patient and the doctors will become less so that detecting and curing the disease can be done at an early stage and the life of the individual can be saved.

Theme: Education and Technology

Problem Statement: In this current situation, all educational institutions have been shut down, and this is a big setback in academia for all students. Also, there is no unified platform to connect students and professors, and so the conduction of online lectures is also a big challenge. Devise a unified portal where the students and professors could come up together for conduction of classes, wherein students could resolve their doubts and discuss topics amongst their peers; and also be able to test their knowledge.

Theme: Public Space and Technology

Problem Statement: Searching for parking space continues to be one of the major contributors to traffic congestion. It is an unavoidable part of our daily lives and takes up a lot of time. Devise a system that can help people save time in finding parking spots.

Theme: Environment and Technology

Problem Statement: Waste management is one of the main challenges that cities have to confront on a daily basis. There are a lot of challenges associated with waste collection, segregation, transport, and disposal. Design an efficient waste system that would reduce service costs and improve waste segregation, disposal, and transportation system.

Theme: Pandemics and Technology

Problem Statement: All of you are aware of the crisis that the world is facing because of CoVID-19. There are restrictions due to lockdowns that the Indian government has imposed on the entire nation. A lot of people are facing a shortage of essential commodities in the lockdown, especially those who are old, sick, physically challenged or facing some serious medical issues. The lower strata of the society are the ones which are most affected by this lockdown. The government has earmarked funds for the same. Come up with a way to distribute these funds to them as soon as possible. Devise solutions to combat these problems.