PROBLEM STATEMENTS/ CATEGORIES FOR HACKATHON

1. QUALITY HEALTHCARE :

Develop a solution for obtaining quality healthcare across all strata of society. There is a lack of quality and experienced healthcare professionals in rural India. Due to the limited availability of such professionals in these areas and that too not qualified and updated enough with the lack of quality maternal care, delay in diagnosis and hospital overcrowding. Create a solution for this problem keeping in view its reachability such that the solution is socially economical and within the reach of every indigent individual residing even in the remotest part of the rural area.

2. INVENTORY MANAGEMENT SYSTEM FOR THE COLLEGE:

The solution should be obtained such that it fulfill the needs of:
Staffs: Simplify and automate the processing of purchases with automatic routing of request and assignment of work orders to optimize resource allocation and eliminate task redundancies.
IT Admin: Customizable inventory management software with pre-formatted forms and fields, automatic data backup, easy upgrades, cost savings in hardware, software and IT support.
Management: Streamline inventory process to make an institution more efficient with the college inventory management system. Using role-based security permission, choose who sees the asset information.

HACKATRON
B.I.T SINDRI
Sindri, Dhanbad
PIN-828123

Website- www.hnccbits.com
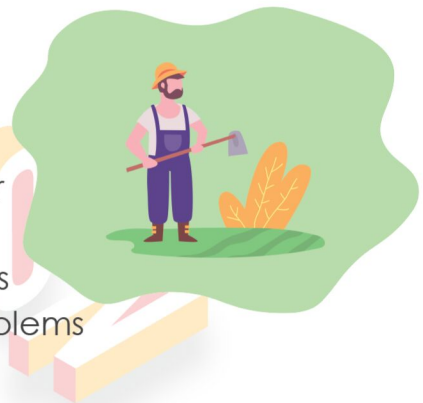**Email-** hnccbits@gmail.com

3. STUDENT MANAGEMENT SYSTEM FOR THE COLLEGE:

A software is to be designed to automate a college diverse operations from classes, exams to the college events calendar. This college software should have a powerful online community to bring parents, professors, and students on a common interactive platform.
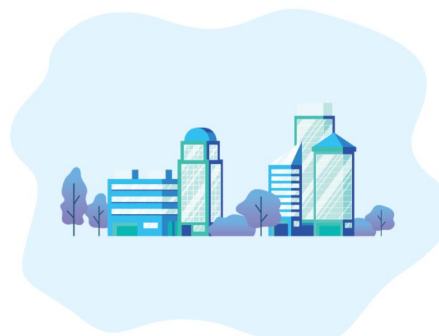
4. RURAL EXPOSURE :

Since the rural people do not live in concentrated masses, the availability of specialized services to them is minimal. This is true for education, market, banking, transport, communication, and many other necessary services for modern living. This has a major impact on the development of such people. Where few people are well equipped with such a lot while others are unaware of it's availability. Device a solution to solve such multidimensional problems faced by people in rural areas.

5. SMART CITY:

Smart City project includes city improvement, city renewal and city extension using technology and thus striving to make cities cleaner, efficient and introduce a better coordinated system in transport and governance. This involves using technology to improve the living style of its current occupants by making the buildings better, greener, etc, it also involves developing better governance systems which help out of the city to live a much comfortable life. Develop suitable solutions which can be deployed in the smart cities.

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6. EFFICIENT ROADWAYS:

Traffic increases pollution by increasing journey time and time spent by engines idling. Use crowd data to devise more efficient roadways, thus reducing pollution and wait time in traffic

7. CRIME AGAINST WOMEN:

More than 3 lac crimes against women are registered each year in our country. There has been a sharp increase in reported sexual assaults in the last decade itself. This is a major setback for our society and the welfare of women and it is the need of the hour to curb such a mentality. Research on the statistics and design a solution to tackle this issue in the urban areas of the country, such that crimes can be prevented and help can be dispatched to the people in need and in time.

8. OPEN INNOVATION:

This category deals with the problems that we face in our daily life. Your solution to these problems should be economically feasible and should be in reach of the common masses.

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