Freedom to Code – Guidelines

1) Participants will have to derive solutions for ANY ONE of the following problem statements:

    a. Traffic Control

Traffic volume has exponentially increased in recent times and is expected to increase even further in the coming future. You need to create and design a platform/system to reduce the issues like traffic congestion, long waiting times, etc.

    b. Complaint Portal

There are various issues such as lack of government transport, increasing potholes, water quality that we citizens face every single day which require immediate attention by the government. However, it is a strenuous job to address them properly, in a way that they can be examined upon by the right authority to then later find a solution. To solve this problem, you need to create and design a portal that stores such various problems categorically and hence can be solved sooner.

    c. Digital Locker

In times like these, where everything is being digitalised, it is essential that all our document verification procedures are conducted digitally, to reduce the excess amount of time wasted in long queues at places like the bank to open up a new account, to apply for government scholarships, etc. You need to design a system for the same that provides citizens the convenience of having these documents at their fingertips.

d. Swachh Bharat Mission System

To help Municipal corporations spot the unclean areas in the city and take the necessary steps, you need to design a system such that when any citizen spots a cleanliness related issue in the city he/she can post a picture into the system, chose a category and can lodge a complaint, so that they can be addressed by the municipal corporation quickly.

e. eHospital

To make the various operations related to healthcare in India trouble free, it is essential to conduct as many processes as possible digitally, such as online registration, payment of fees and appointment, online diagnostic reports, checking on the availability of blood online, etc. You need to develop a system for the same, so that citizens can be provided help they require as soon as possible.

Or, you can come up with your own problem statements that are relevant to the theme of "Digital India", and find solutions for the same (You just need to mention it in the submission document).

2) Judging Criteria:
   a. Relevance to the problem statement at hand
   b. UI/UX of the project (NO Backend Required)
3) The contest starts from the moment this document is received by the candidates.
4) All participants should submit their work by 11:59pm, 14th August, 2022.
   a. Submission to be done on the GitHub Repo of Encode (Details regarding the repo will be provided in the group)
   b. All submissions to be made to different branches (Branches to have the name of your team or the full name of the individual participant)
   c. Submissions to the main branch will NOT be considered
   d. Do ensure that your branch name is Uniquely Identifiable and that it is NOT similar with some other branch name in the repo itself

e. Do NOT push your submission to any other repo of Encode (Doing so will lead to IMMEDIATE disqualification)

For any GitHub related queries, you can refer to this tutorial: -
https://youtu.be/apGV9Kg7ics

5) Along with their projects, participants also have to submit a word document, describing their project.

The format of the document is as follows:

    a. Team Details (or Participant Details) such as:
        i. Name
        ii. Roll Number
        iii. Branch
    b. Problem Statement
    c. Technologies Used
    d. Description of Solution

6) Selected Participants will get a chance to be a part of Encode's Technical Team!

If there are any doubts or queries, you can reach out to us:

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Or you can just put a message in the group.