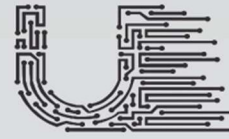# X-IoT-A
Problem Statement for Round 2

Task :

We observe many small and big problems around us. Your task is to select a problem and propose a solution to solve it. Implement the solution in simulation (or in reality) using IoT.

Some fields in which you can brainstorm for ideas are:
- Home automation
- Agricultural assistance
- Defense technology
- Road transport and highways
- Efficient power consumption

These are just suggestive topics and it is **not mandatory** to stick to one of the mentioned fields. You are free to choose any problem of your interest.

Optional add-ons :

- **A minimum implementation of the solution (simulation or real) is mandatory**
- A background report on the problem can be used to emphasize the importance of the model
- Data analysis from the model can be used to support your work
- The future scope of the model can be mentioned

Scoring criteria :

1. **The solution must contain IoT in it. Otherwise, the solution won't be accepted.**
2. Ease of use and user-friendliness will be evaluated.
3. The extent to which the selected problem is solved will have weightage.
4. Additional features like data analysis and information like the future scope of the solution will act as a bonus.

Submission instructions :

- The deadline for completion of PS2 is 23:59 - 17 April 2021
- Each team has to create a presentation describing their solution.
- **Each team has to submit a video of the project they've implemented and the presentation. (not more than 10 minutes including both presentation and model)**
- Submit the solution, as instructed, to xiota.udyam@gmail.com before the deadline
- You are free to use any software/tools available on your system
- Only one submission per team will be accepted

Rules/regulations and constraints :

- The final submissions must be submitted to the event coordinators in the format specified on or before April 17, 2021.
- The organizers reserve the right to change the rules as they deem fit. Change in rules, if any, will be highlighted on the website and notified on the Whatsapp group.
- The decision of the organizers shall be final and binding.
- In case of any type of cheating suspected, the team will be immediately disqualified and no certificate will be given.